Directions (1-5): Study the following information carefully and answer the below questions

Nine persons- R, S, T, U, V, W, X, Y, and Z are living in the nine-floored building such that the lowermost floor is numbered as one and the floor just above the lowermost floor is numbered as 2 and so on till the topmost floor is numbered as nine. All the information is not necessarily in the same order.

T lives on the fifth floor. Y lives below T but does not live on the odd number floor. Only one person lives between Y and S. U lives two floors above S. Four floors are between U and Z. The number of floors above Z is the same as the number of floors below W. R lives one of the floor above X who does not live below V. V and S are not live on the adjacent floor.

1) Who among the following person is living on floor number three?

A. S

B. R

C. The one who lives two floors below U

D. The one who lives immediately above X

E. V

2) As many people live above R is same as that of below___?

A. S

B. U

C. The one who lives immediately below W

D. The one who lives immediately above T

E. V

3) How many floors are between S and X?

A. One

B. Two

C. Three

D. None

E. More than three

4) What is the position of W from the top of the building?

A. Second

B. First

C. Third

D. Fourth

E. Fifth

5) Which of the following combination of the persons are living on the adjacent floor?

A. US

B. YT

C. ZV

D. SY

E. RW

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Directions (6-10): Study the following information carefully and answer the below questions

Eight persons- K, L, M, N, O, P, Q, and R are taking medical leave on different months- January, April, June, August, September, October, November, and December of the same year. All the information is not necessarily in the same order.

R takes leave in August. M takes leave in the month which has an even number of days but after R. P takes the leave immediately after K. K takes leave after R. The number of persons who takes leave before P is the same as the number of persons who take leave after Q. L takes leave immediately before O. N does not take leave in October.

6) Who among the following person takes medical leave in June?

A. N

B. L

C. The one who takes two persons after O

D. The one who takes two persons before K

E. M

7) Four of the following five are alike in a certain way and form a group. Who among the following person does not belong to the group?

A. LQ

B. OM

C. RP

D. PN

E. QK

8) How many persons are taking the leave before P?

A. As many persons are taking the leave after M

B. Four

C. As many persons are taking the leave after P

D. Three

E. Five

9) In which of the following month P takes a medical leave?

A. October

B. November

C. December

D. June

E. April

10) If all persons are arranged in alphabetical order from January, then how many persons are unchanged in their positions?

A. None

B. Three

C. Two

D. One

E. More than three

Direction (11-15): Study the following information carefully and answer the below questions

Eight people- P, Q, R, S, T, U, V, and W are working in the same bank with different designations viz. Chief General Manager, Deputy General Manager, Assistant General Manager, Chief Manager, Branch Manager, Assistant Manager, Officer, and Clerk in such a way that Chief General Manager is the senior most designation where Clerk is the junior most designation.

Only three persons are designated between T and W. T is senior to W. At least one person is junior to W. The number of persons senior to W is the same as the persons junior to U. Q is the immediate senior of V and is senior to W but not a Branch Manager. P is senior to S but junior to R. S is not immediate junior of P.

11) Which of the following designation does P work?

A. Branch Manager

B. Assistant Manager

C. Chief Manager

D. Officer

E. Clerk

12) Four of the following are alike in a certain way and hence form a group. Who among the following one does not belong to the group?

A. RT

B. QP

C. PS

D. UQ

E. SR

13) Which of the following statement is/are true?

A. U is senior to T

B. Only one person is designated between P and U

C. W is the clerk

D. Q is junior to W

E. None of these

14) Who among the following person designated exactly between T and V?

A. The one who is Officer

B. S

C. W

D. The one who is Branch Manager

E. The one who is Chief Manager

15) How many persons are designated between Q and S?

A. None

B. Two

C. Three

D. One

E. More than three

Directions (16-20): Study the following information carefully and answer the below questions

Six boxes- L, M, N, O, P, and Q are kept one above another in the stack. The lowermost box is numbered as one and the topmost box is numbered as six. The boxes are of different colors - Red, Blue, Yellow, White, Green, and Pink. All the information is not necessarily in the same order.

L is kept two boxes below the green box but not kept in the lowermost position. The number of boxes kept above the green box is the same as below the white box. M is kept two boxes above the white box. The red box is kept immediately above the Pink box. L is neither Red nor Pink. P is kept two boxes above the yellow box but is not Green. O is neither Green nor yellow. Q is kept above box N.

16) Which of the following box is Pink in color?

A. The box which is kept two boxes above Q

B. The box which is kept immediately below P

C. Box N

D. Box M

E. Box Q

17) Box L is in ___ color?

A. Red

B. White

C. Yellow

D. Blue

E. Pink

18) Which of the following box is kept above the white color box?

I. The box which is kept immediately above M

II. Box Q

III. The box which has a Yellow color

IV. Box L

A. Only I and II

B. Only III and IV

C. Only II and III

D. Only II and IV

E. Only I and IV

19) How many boxes are kept between O and the box which is White in color?

A. None

B. One

C. Four

D. Three

E. Two

20) Four of the following are alike in a certain way. Which of the following one does not belong to the group?

A. O- Pink

B. M- Green

C. N- Yellow

D. Q- white

E. P- Blue

Directions (21-25): Study the following information carefully and answer the below questions

Nine persons- A, B, C, D, E, F, G, H, and I are standing in the linear row facing the north direction but not necessarily in the same order.

H stands fourth from the left end. The number of persons stands to the left of H is the same as the number of persons stands to the right of I. Only two persons stand between I and C. D stands second to the left of C. G stands immediate left of E who does not stand at end of the row. B neither stands adjacent to H nor C. F stands to the right of A. A is not an immediate neighbor of C.

21) Who among the following stands third from the right end?

A. The one who stands immediate left of F

B. A

C. H

D. E

E. The one who stands second to the right of I

22) Who stands fifth to the left of I?

A. H

B. G

C. The one who stands second to the left of A

D. The one who stands at the extreme left end

E. D

23) If is B related to E and G is related to H in a certain way. Then, who among the following is related to F?

A. C

B. The one who stands immediate right of F

C. B

D. The one who stands second to the left of H

E. I

24) How many persons are standing between H and F?

A. Six

B. Five

C. Four

D. Three

E. Two

25) What is the position of A from the left end?

A. Sixth

B. Fifth

C. Seventh

D. Fourth

E. Third

Directions (26-30): Study the following information carefully and answer the below questions

Eight persons- L, M, N, O, P, Q, R and S are sitting in the circular table but not necessarily in the same order. All are facing the centre.

N sits second to the left of L. M sits third to the left of N. R sits neither adjacent to N nor L. Q sits third to the right of P. Q and R are not immediate neighbours. The number of persons sits between S and P is the same as the number of persons sit between S and O.

26) Who among the following person sits third to the left of P?

A. O

B. The one who sits second to the right of R

C. M

D. Q

E. The one who sits immediate right of O

27) Four of the following five are alike in a certain way thus forms a group.Find the odd one which does not belong to the group?

A. QR

B. MP

C. LN

D. OM

E. SR

28) Who among the following person sits opposite to each other?

I. QL

II. OR

III. NP

IV. SM

A. Only II and IV

B. Only I and III

C. Only I and IV

D. Only III and IV

E. All the above

29) How many persons sit between N and P when counted to the left of P?

A. None

B. One

C. Four

D. Three

E. Two

30) If all persons are arranged in alphabetical order from Lin a clockwise direction, then how many

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persons remain unchanged in their position(Excluding L)?

A. One

B. Two

C. Three

D. More than three

E. None

Directions (31-35): Study the following information carefully and answer the questions given below.

Ten persons viz. Q, R, S, T, U, V, W, X, Y and Z are seated on two parallel rows such that five persons are seated on each row and are facing towards each other, but not necessarily in the same order.

W sits second to the left of the one who faces towards V where neither of them sits at the ends of the row. S sits on the same row as V but is neither adjacent to V nor faces towards W. Y sits second to the left of S and faces towards the one who sits to the immediate left of T. The number of persons to the right of both T and U are the same. Z, who faces towards north, faces towards Q. X sits to the right of R but not in the same row as Z.

31) Who among the following person sits second to the right of Z?

A. Person who sits second to the left of S

B. X

C. Person who faces T

D. No such person

E. None of these

32) What is the position of W with respect to Q?

A. Second to the left

B. Immediate right

C. Third to the left

D. Immediate left

E. Cannot be determined

33) Four of the following five are alike in a certain way and hence form a group. Find the one that doesn't belong to that group.

A. T

B. W

C. X

D. Z

E. R

34) Which of the following statement is/are true with respect to the final arrangement?

A. Two persons sit between Z and S

B. W sits to the left of Q

C. Both R and Y sit in the same row

D. All are true

E. None is true

35) The number of persons to the left of U is the same as the number of persons to the right of ___.
A. X
B. T
C. R
D. Q
E. None of these

Directions (36-40): Study the following information carefully and answer the questions given below:

Eight students i.e. P, Q, R, S, J, K, L, and M of different classes sit in a square table but not necessarily in the same order. Four students sit at a corner and four students sit at the middle of the side of the square. Students sit at a corner face outside and students sit at the middle of the side face towards the center.

(only rearranged based on explanation) There are three students sit between L and class 5 student. Class 5 student sits immediate left of P. Q sits 3rd to the left of L. Class 7 student is an immediate neighbor of Q. Class 6 student sits 2nd to the right of class 7 student. R who is in class 8, sits 3rd to the right of Q. S sits immediate right of J who is in class 9. Students of class 11 and 12 sits opposite to each other. Student of class 10 sits 2nd to the right of class 11 student. K who faces outside is not an immediate neighbor of Q.

36) Who among the following sits immediate left of M?
A. P
B. The one who sits third to the left of L
C. R
D. The one who sits immediate right of J
E. None of these

37) L studies in which among the following class?
A. Class 5
B. Class 6
C. Class 7
D. Class 10
E. None of these

38) How many students are sitting between P and the student of class 12 when counted clockwise from P?
A. One
B. Two
C. Three
D. More than three
E. None

39) Who among the following sits 2nd to the right of the student who sits 3rd to the left of M?
A. The one who sits immediate left of S
B. R

C. The one who sits opposite to L

D. J

E. None of these

40) Four of the following five are alike in a certain way based on a group, find the one which does not belong to that group?

A. R

B. S

C. P

D. M

E. L

Directions (41-43): Read both the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Give Answer:

a) If Only conclusion I follow.

b) If Only conclusion II follows.

c) If either conclusion I or II follows.

d) If Neither conclusion I nor II follows.

e) If both conclusions I and II follow.

41) Statement

Only a few Drums are Cello

All Cello is Banjo

No Banjo is Guitar

Conclusion

I. Some Cello can be Guitar

II. Some Banjo is Drums

A. a

B. b

C. c

D. d

E. e

42) Statement

Only a few Flute is Cornet

No Cornet is Tuba

All Tuba is Bugle

Conclusion

I. Some Cornet can be Bugle

II. Some Flute is not a Tuba

A. a

B. b

C. c

D. d

E. e

43) Statement

Only a few Horn is Gong

All Horn is Cymbal

No Cymbal is Clarinet

Conclusion

I. All Gongs can never be Cymbal

II. Some Horn can be Clarinet

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A. a

B. b

C. c

D. d

E. e

Directions (44-46): Study the following statements and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Give Answer:

a) If Only conclusion I follows.

b) If Only conclusion II follows.

c) If either conclusion I or II follows.

d) If Neither conclusion I nor II follows.

e) If both conclusions I and II follow.

44) Statement

Only a few Arrow is Cross

No Cross is Rhombus

All Rhombus is Minus

Conclusion

I. Some Minus can be Cross

II. No Arrow is Rhombus

A. a

B. b

C. c

D. d

E. e

45) Statement

Only a few Plus is Trefoil

All Trefoils is Ring

No Ring is Decagon

Conclusion

I. Some plus can be Trefoil

II. Some Plus is not a Decagon

A. a

B. b

C. c

D. d

E. e

46) Statement

Only a few Cylinder is Cube

All Cylinder is Heart

No Cube is Oval

Conclusion

I. Some Cylinder is not an Oval

II. All Cube can be Heart

A. a

B. b

C. c

D. d

E. e

Directions (47-48): Study the following statements and then decide which of the given conclusions

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logically follows from the given statements disregarding commonly known facts.

47) Statements:

Some circle is square

Only a few square is rectangular

No rectangular is triangle

Conclusions:

I. Some triangle is square

II. No square is triangle

A. Only I follows

B. Only II follows

C. Either I or II follows

D. Neither I nor II follows

E. Both I and II follow

48) Statements:

Only tablet is mobile

Some tablet is laptop

Only a few laptop is computer

Conclusions:

I. Some laptop can be mobile

II. Some laptop is not computer

A. Only I follows

B. Only II follows

C. Neither I nor II follows

D. Either I or II follows

E. Both I and II follow

Directions (49-51): Study the following statements and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

49) Statement

Only a few Monitor is Plan

All Monitor is Audit

No Audit is Organise

Conclusion

I. All Organise can be Plan

II. Some Audit is Plan is a possibility

A. Only I follows

B. Either I or II follows

C. Only II follows

D. Both I and II follow

E. Neither I nor II follows

50) Statement

Only a few Leader is Ruler

All Ruler is Protect

Some Protect is Trust

Conclusion

I. No Ruler is Trust

II. Some Leader can be Protect

A. Only I follows

B. Either I or II follows

C. Only II follows

D. Both I and II follow

E. Neither I nor II follows

51) Statement

Only a few Official is Business

Some Business is Economy

Some Economy is Agency

Conclusion

I. Some Business is Agency

II. No Agency is Business

A. Only I follows

B. Either I or II follows

C. Only II follows

D. Both I and II follow

E. Neither I nor II follows

Directions (52-53): Study the following statements and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Give Answer:

a) If Only conclusion I follows.

b) If Only conclusion II follows.

c) If either conclusion I or II follows.

d) If Neither conclusion I nor II follows.

e) If both conclusions I and II follow.

52) Statement

Only a few Ellipse is Nonagon

All Nonagon is Rhombus

Some Rhombus is Decagon

Conclusion

I. No Nonagon is Decagon

II. All Decagon can never be Nonagon

A. a

B. b

C. c

D. d

E. e

53) Statement

Only a few Mouse is Bat

No Bat is Cow

Some Cow is Goat

Conclusion

I. Some Goat is Mouse

II. All Goat being Bat is a possibility

A. a

B. b

C. c

D. d

E. e

Directions (54-57): In these questions, the relationship between different elements is shown in the statements. These statements are followed by two conclusions. Find the conclusion which logically follows.

54) Statements:

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G > Y ≥ T = U > D; R ≤ C < N = T > I

Conclusion:

I. C < G

II. D > I

A. Only I follows

B. Only II follows

C. Either I or II follows

D. Neither I nor II follows

E. Both I and II follow

55) Statements:

N < K ≤ R = O > B; G = K ≥ W ≥ M = P

Conclusion:

I. P < O

II. O = P

A. Only I follows

B. Only II follows

C. Either I or II follows

D. Neither I nor II follows

E. Both I and II follow

56) Statements:

K = T > S ≥ E > V; L < R = S ≥ W > Y

Conclusion:

I. W < E

II. T ≥ L

A. Only I follows

B. Only II follows

C. Either I or II follows

D. Neither I nor II follows

E. Both I and II follow

57) Statements:

J ≤ R < C = U > N; D < W ≤ M < C > Q

Conclusion:

I. Q > R

II. W < U

A. Only I follows

B. Only II follows

C. Either I or II follows

D. Neither I nor II follows

E. Both I and II follow

Directions (58-61): In each of the following questions, the relationship between different elements is shown in the statements followed by two conclusions. Find the conclusion which logically follows.

58) Statements:

X < W ≤ F = Q ≥ P = T ≥O ≥ S = R

Conclusions:

I. Q > R

II. Q = R

A. If only conclusion I is true.

B. If only conclusion II is true.

C. If either conclusion I or II is true.

D. If neither conclusion I nor II is true.

E. If both conclusions I and II are true.

59) Statements:

Q ≤ V < B = F ≥ G < N < M < J = I

Conclusions:

I. Q < F

II. V < J

A. If only conclusion I is true.

B. If only conclusion II is true.

C. If either conclusion I or II is true.

D. If neither conclusion I nor II is true.

E. If both conclusions I and II are true.

60) Statements:

G < H ≤ Z < Y = I; U < T > O ≥ A > I

Conclusions:

I. H < T

II. Y ≥ O

A. If only conclusion I is true.

B. If only conclusion II is true.

C. If either conclusion I or II is true.

D. If neither conclusion I nor II is true.

E. If both conclusions I and II are true.

61) Statements:

X < G ≤ I ≤ P = O; W ≥ A > S > M = T ≥ O

Conclusions:

I. M > G

II. X ≤ S

A. If only conclusion I is true.

B. If only conclusion II is true.

C. If either conclusion I or II is true.

D. If neither conclusion I nor II is true.

E. If both conclusions I and II are true.

Direction (62-65): In each of the following questions, the relationship between different elements is shown in the statements followed by three conclusions. Find the conclusion which logically follows.

62) Statements:

L ≥ M > T; V < O < X < T; V > N=Z

Conclusions:

I. L > Z

II. N < M

III. T ≥ V

A. None follows

B. Only I follows

C. Only II follows

D. Only III follows

E. Only I& II follow

63) Statements:

K ≥ P < R < Z; V < X ≤ K; V ≥ B=C

Conclusions:

I. C ≤ Z

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II. V < K

III. P > Z

A. None follows

B. Only I follows

C. Only II follows

D. Only III follows

E. Either I or III and II follows

64) Statements:

Y ≥ M > R=B; P ≤ K < L < Y; P > S=Z

Conclusions:

I. S < Y

II. Y > B

III. K < M

A. None follows

B. Only I follows

C. Only II follows

D. Only III follows

E. Both I and II follow

65) Statements:

D ≤ N < R < W; T > Y ≥ Z < D; J < G < T

Conclusions:

I. G < W

II. T < R

III. Y > N

A. None follows

B. Only I follows

C. Only II follows

D. Only I and III follow

E. Either I or III follows

Directions (66-69): In each question below is a given letter followed by four combinations of symbols and numbers. You have to find out which of the combination correctly represents the code based on the given coding system.

Letters	D	S	R	A	E	Q	X	Z	M	K	L	O
Numbers/ Symbols	3	!	4	$	6	8	+	9	*	@	&	1

Condition:

i) If the first and last letters are consonants, then both are coded as the code of the first letter.

ii) If the first letter is consonant and the last letter is Vowel, then the codes of both are interchanged.

iii) If the first letter and last letter are vowels then both are coded as "%"

iv) If the first letter is the vowel and the last letter is Consonants, then both are coded as the code of the last letter.

66) QASXZO

A. 8$!+91

B. 1$!+98

C. 1$!+91

D. 8$!+98

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E. %$!+9%

67) RXLKDM

A. %+&@3%

B. 4+&@3*

C. 4+&@34

D. *+&@34

E. *+&@3*

68) OAMLSE

A. %$*&!%

B. 1$*&!6

C. 6$*&!6

D. 1$*&!1

E. 6$*&!1

69) ARKXQS

A. $4@+8!

B. !4@+8!

C. $4@+8$

D. !4+@8!

E. %4@+8%

Directions (70-73): Study the following information carefully and answer the questions given below.

In a certain code language,

"Persistent training proves learning" is coded as "DFG AWE BGH SEY"

"Learning improves mental strength" is coded as "KNE BGH CNR WEM"

"People strength depends training" is coded as "NRT AWE KNE LEH"

"Success depends persistent mind" is coded as "UFG SEY XCT NRT"

70) What is the code for the word "proves" in the given coded language?

A. BGH

B. DFG

C. AWE

D. SEY

E. None of these

71) Which of the following word denotes the code "LEH WEM" in the given coded language?

A. People Improves

B. Training People

C. Strength People

D. People Mental

E. Either a or d

72) What is the code for the word "mental" in the given coded language?

A. CNR

B. WEM

C. KNE

D. BGH

E. Cannot be determined

73) If "Medial mental mind" is coded as "CNR YHB XCT", then which of the following code denotes the code "UFG"?

A. Improves

B. Mind

C. Success

D. Persistent

E. Cannot be determined

Directions (74-77): Study the following information carefully and answer the below questions.

In a certain code language:

'Some Chairs are Wood' means 'at qr ps mv',

'All Wood is Window' means 'ez ls ft qr',

'Two Window are opened' means 'gm ps ls xr',

'Two chairs designed well' means 'kg mv xr lm'

74) What is the code for 'Chairs'?

A. mv

B. at

C. qr

D. ps

E. xr

75) What is the code for 'Two Wood'?

A. xr lm

B. mv ls

C. ps qr

D. ls ps

E. xr qr

76) What does "ez" represent in a code language?

A. All

B. Wood

C. is

D. Either a or c

E. Either a or b

77) If "some designed" represents a code "at kg" then what does "lm gm" represent in a code language?

A. Two Well

B. Well are

C. Opened well

D. Window opened

E. Chairs window

Directions (78-80): Study the following information carefully and answer the questions given below

In a certain code language

"Yogurt Cheese Butter Cream" coded as "35 19 37 45"

"Ice-cream Butter Powder Grain" coded as "52 37 28 14"

"Cheese Powder Meat Egg" coded as "60 54 28 19"

"Grain Yogurt Chocolate Cereal" coded as "14 35 22 34"

78) Which of the following represents the code of "Ice-cream"?

A. 14

B. 28

C. 37

D. 52

E. None of the above

79) Which of the following is coded as "14 19"?

A. Powder Cream

B. Grain Cream

C. Cheese Powder

D. Butter Yoghurt

E. Grain Cheese

80) If the sum of the code of "Chocolate Cream" is "67", then what will be the code for "Cereal Butter"?

A. 35 52

B. 34 37

C. 35 37

D. 34 14

E. 14 22

Directions (81-83): Study the following information carefully and answer the questions given below.

Eight members K, L, M, N, O, P, Q, and R are in a family. Three generations and three couples are there in the family. L and M are the sons-in-law of R, who is the father of O and P. K is the grandmother of Q, who is the daughter of P. L is not married to O. N is the nephew of P. K has no sons.

81) How many male persons are there in the family?

A. One

B. Two

C. Three

D. Four

E. Five

82) How is N related to Q?

A. Sister

B. Brother

C. Cousin brother

D. Sister-in-law

E. None of these

83) Four of the following five are alike in a certain way and thus form a group as per the given arrangement. Which of the following does not belong to that group?

A. RK

B. MO

C. PL

D. OP

E. NQ

Directions (84-86): Study the following information carefully and answer the questions given below.

Eight persons are from the same family with three generations. There is an equal number of males and females. No single parent has a child. R is the sister of F, who is the only aunt of N. T is the father of W, who is married to D. Both N and E don't have any siblings. E is the brother-in-law of W and father of N. K is one of the members of the family.

84) How is K related to F?

A. Sister

B. Sister-in-law

C. Mother

D. Niece

E. None of these

85) Who among the following person is the son of T?

A. F

B. R

C. E

D. W

E. None of these

86) How is N related to R?

A. Daughter

B. Son

C. Sister

D. Brother

E. None of these

Directions (87-89): Study the following information carefully and answer the below questions

Mr. Arun starts walking from point H towards east. After walks 9m to reach point V where turns to the north direction and walks for 6m to reach point Q where turns to the west walks for 5m to reach O. Then turns to the right and walks for 10m to reach point T where he turns to the left and walks for 8m to reach Point L. Then turns to the left and walks for 6m to reach point N.

87) What is the direction of point N with respect to point H?

A. East

B. North-west

C. North-East

D. South-east

E. South-west

88) If Point M is exactly in the middle of points L and T. Then what is the distance between M and H?

A. 17m

B. 16m

C. 15m

D. 14m

E. 18m

89) Four of the following five are alike in a certain way and form a group. Which of the following does not belong to the group?

A. LO

B. TQ

C. LV

D. HT

E. NH

Directions (90-92): Study the following information carefully to answer the given questions.

A person goes 15 meters from point A towards the east and reached point B then turned to his left and walked for 5 meters and reached point C. From point C he took a left turn and walked for 10 meters and reached point D. From there, he walked 10 meters towards the north and stopped at point E.

90) What is the shortest distance between point A and point C?

A. 10m

B. 8m

C. 5√10m

D. 15m

E. None of these

91) What is the direction of point C with respect to E?

A. North-east

B. South-east

C. North-west

D. South

E. None of these

92) What is the direction of point D with respect to A?

A. North-east

B. South-east

C. North-west

D. West

E. None of these

Directions (93-94): Study the following information carefully and answer the questions given below.

Point R is 10m to the east of Point P and is 8m to the south of Point Q. Point V is 16m to the north of Point U and is 8m to the east of Point Q. Point T is

8m to the south of Point S which is 15m to the west of Point W. Point U is 4m to the east of Point T.

93) What is the shortest distance between W and R?

A. 15m

B. 18m

C. 19m

D. 4m

E. None of these

94) Which of the following points lies in a straight line?

A. P, R, S, V

B. W, S, R, Q

C. P, R, S, W

D. T, U, W, S

E. None of these

Directions (95-96): Study the following information carefully and answer the below questions

Rahul walks from Point B towards north direction, after walking 6km he reaches point C where turns to his right and walks for 8km to reach point A, then turns to the south and walks for 12km to reach point H where he turns 90° to his left and walks for 5km to reach point V where he again turns to his left and walks for 18km to reach the

point I where he turns to the west and walks for 9km to stop at point M.

95) If point X is the midpoint of A and H, then what is the shortest distance between C and X?

A. 6km

B. 9km

C. 10km

D. 7km

E. 8km

96) What is the direction of M with respect to B?

A. South-east

B. North-West

C. North-East

D. South

E. South-west

Directions (97-99): Study the following information carefully and answer the questions given below.

Six persons – B, M, P, H, Y and T – are comparing their ages. The person who is eldest among them is 78 years old. P is elder to Y but younger than B. B is younger than only T and H. M is not the youngest person but is younger than P. Either P or T is the second eldest person. The age of the second youngest person is 17 years and the age of the third eldest person is 53 years

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97) Who among the following is the third youngest person?

A. B

B. P

C. M

D. T

E. H

98) If T's age is a perfect square number, then what is the sum of the ages of T and M?

A. 117

B. 98

C. 84

D. 81

E. 53

99) If P's age is 46 years, then what could be the age of Y?

A. 51

B. 37

C. 15

D. 63

E. 45

Directions (100-102): Study the following information carefully and answer the below questions

Six persons- T, R, O, L, H, and V are getting a different amount of salary. L gets more than O. Only two persons are getting the salary in between O and H. H gets more than L and O. V gets more than R but less than T. Only one person gets the salary in between V and R. H does not get less salary than V. The person who gets the lowest salary gets Rs. 9000.

100) If V gets twice the salary of R, then what is the salary of O?

A. Rs.19000

B. Rs.10000

C. Rs.18000

D. Rs.9000

E. Rs.20000

101) If the average salary of R and T is Rs.25000 and the average salary of T and L is Rs.32000, then what is the sum of the salaries of T, R, and L (in Rs)?

A. 64000

B. 75000

C. 73000

D. 63000

E. 68000

102) How many persons get a salary more than O but less than H?

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A. 4

B. 3

C. 1

D. 0

E. None of these

103) If all the letters of the word "IDENTIFICATION" are arranged in alphabetical order from the left end, then how many consonants are appear at the even-numbered position from the right end after the arrangement?

A. One

B. Two

C. Three

D. Four

E. None

104) How many pairs of digits are there in the number "71842639" each of which has as many digits between them in the number as in the number series(both forward and backward direction)?

A. Two

B. Five

C. Four

D. More than five

E. Three

105) How many pairs of letters are there in the word "CONSTRUCTION" each of which has as many letters between them in the word as in the alphabetical series(both forward and backward)?

A. One

B. Two

C. Three

D. Four

E. More than four

106) The Position of how many digits in the number "682497315" will remain unchanged when the digits are arranged in descending order from the left end?

A. Four

B. Three

C. Two

D. One

E. None

107) If all the letters of the word "INFRASTRUCTURE" are reversed, then how many consonants appear at the odd-numbered position (from the left end) after the rearrangement?

A. Four

B. Five

C. Three

D. Six

E. More than six

Directions (108-112): Answer the questions based on the information given below.

M % 7 O P 0 T # H G 9 * 5 Y J 8 B 6 @ R 2 V Z $ 1 C 3 E L ^ F $ W 4 U N ¥ I £

108) If all the symbols are dropped from the series, then how many letters are immediately preceded and immediately followed by a number?

A. One

B. Two

C. Three

D. More than three

E. None

109) Which of the following element is twelfth to the left of nineteenth from the right end in the series?

A. #

B. H

C. 9

D. W

E. None of these

110) How many symbols are immediately preceded by a letter and immediately followed by a number in the series?

A. One

B. Two

C. Three

D. More than three

E. None

111) Four of the following five are alike in a certain way and hence form a group. Find the one that doesn't belong to that group.

A. E

B. U

C. J

D. P

E. R

Directions (112-116): Study the following information carefully and answer the below questions

596 153 284 716 325

112) If the numbers are written in ascending order within the number, which of the following number will become the highest number?

A. 716

B. 284

C. 153

D. 596

E. 325

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113) If the third digit of each number is dropped, then the first and second digit are interchanged, which of the following will be the lowest number?

A. 596

B. 153

C. 284

D. 716

E. 325

114) If the position of the second and last digits are interchanged how many numbers will be divisible by three?

A. One

B. Two

C. Three

D. Four

E. None

115) If all the digits within the numbers are added, then what is the sum of all the even numbers thus formed?

A. 44

B. 30

C. 38

D. 48

E. 58

Direction (116-119): Following questions are based on the five three letter words given below.

OWN   GOD   OPT   NOS   TEN

116) If the positions of the first and second letters of each of the words are interchanged then how many words will form meaningful English words?

A. None

B. One

C. Two

D. Three

E. Four

117) If all the letters in each of the words are arranged alphabetically (within the word) then how many words will remain unchanged?

A. Two

B. Four

C. None

D. One

E. Three

118) If the positions of the first and third letters of all the words are interchanged then how many words will form meaningful English words?

A. Five

B. One

C. Four

D. Three

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E. Two

119) If each consonant of each word is replaced with its next letter according to the alphabetical series then how many words will have more than one vowel? (Same or different vowel)

A. One
B. Two
C. Three
D. Four
E. Five

Directions (120-124): Study the following information carefully and answer the questions given below.

Ten persons – F, G, H, I, J, K, L, M, N, and O - are standing in two staircases viz. staircase-1 and staircase-2 but not necessarily in the same order. Each staircase has five steps. The lowermost step is numbered as one and the topmost step is numbered as five. Staircase-1 is to the west of staircase-2. Each person has a different number of notes with him.

Note: If a person has an odd number of notes, then they are standing at an even-numbered step and if the sum of digits of a person's notes is an even number, then they are standing at the odd-numbered staircase.

There is one step between I and the person who has 61 notes and they both are standing on a different numbered staircase. There is no step between the step immediately above K and the step immediately above the person who has 62 notes and they both are standing on the same numbered staircase. K is above the one who has 62 notes. O has three more than thrice the notes of K but does not stand on the adjacent step of K. J has two more than twice the notes of I and stands on the same step of O. Two steps are there between the person who has 23 notes and G. M has 26 notes and stands on the same numbered staircase as O but different numbered staircase as H and G. L stands immediately below N's step in the same staircase and has two more notes than J. The person standing immediately below F has four more than half the notes of F. The difference between notes of G and N is 3. The sum of notes of L and I is one less than the sum of notes of F and O.

120) Who among the following stands on the same step number of F?

A. The one who has 61 notes
B. The one who has 26 notes
C. The one who has 23 notes
D. The one who has 35 notes
E. None of these

121) What is the square of the sum of notes of H and J?

A. 9025

B. 5776

C. 9409

D. 14400

E. None of these

122) Which of the following statement(s) is/are true?

I. N has 23 notes

II. J is standing at step 5

III. K and H stand on the same step number

A. Only II

B. Both I and III

C. Only III

D. Both II and III

E. None is true

123) Who among the following is standing at staircase-2 of step 1?

A. O

B. J

C. F

D. G

E. Can't be determined

124) How many notes does K have?

A. 23

B. 48

C. 72

D. 15

E. None of these

Directions (125-129): Study the following information carefully and answer the below questions.

Arrangement 1:

Eight persons – B, D, G, K, M, W, X, and Z are sitting around a circular table facing the centre but not necessarily in the same order. Some persons sit in parallel rows and square table in arrangements 2 and 3 respectively.

A person sitting immediate right of X sits two places away from M. Two persons are sitting between G and B. A person sitting immediate left of B sits third to the left of D. W neither sits adjacent to B nor K. Neither D nor B sits adjacent to X, who doesn't sit adjacent to W. M neither sits adjacent to G nor Z, who doesn't sit adjacent to K. A person facing M sits second to the right of W.

Arrangement 2:

Eight persons are sitting in two parallel rows in such a way that four persons are sitting in row 1facing south and the remaining four persons are sitting in row2 facing north. The person sitting in

row 1 sits facing the person sitting in row 2. Each person likes different numbers viz.- 4, 6, 7, 8, 9, 11, 15, and 18. All the information is not necessary in the same order.

The one who likes 4 sits second to the right of W. A person who sits second to the right of Z sits facing the one who likes 18. W sits diagonally opposite to the one who sits immediate left of G in arrangement 1. W sits at the left end of row2. One person sits between the one who likes 9 and the one who sits facing X in arrangement 1. One person sits between X and G, who likes 8. The one who sits facing G sits immediate left of B, who likes an odd number. The one who sits facing D sits immediate left of the one who likes 11. K neither sits adjacent to B nor likes a prime number. The sum of the number liked by K and B is equal to the number liked by Z. M and the one who likes 7 is sitting in the same row.

Arrangement 3:

All persons are sitting at a square table in such a way that one person sits on the middle of each side facing the centre whereas one person sits on each corner facing away from the centre.

A person who likes 4 in arrangement 2 sits facing the one who sits immediate right of X. One person sits between M and the one who sits second to the right of W in arrangement 1. Z neither sits adjacent

to G nor X. Two persons are sitting between Z and the one who sits facing D in arrangement 2. K neither sits adjacent to G nor M.W sits third to the right of D, who doesn't sit adjacent to M.

125) What is the position of the B with respect to K in arrangement 3?

A. Second to the left
B. Third to the right
C. Immediate right
D. Immediate left
E. None of these

126) How many persons are sitting between W and K in arrangement 1?

A. As many persons are sitting between B and Z in arrangement 1.
B. Two
C. As many persons are sitting between G and B in arrangement 1
D. Either B or C
E. None of these.

127) What is the position of the one who sits facing M with respect to K in arrangement 2?

A. Second to the left
B. Immediate left
C. Third to the right
D. Immediate right

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E. None of these

128) Four of the five are related to each other in a certain way in arrangement 2 and thus form a group, find the odd one out?

A. K-9

B. W-6

C. Z-18

D. M-11

E. X-4

129) Which of the following statement is/are not true?

I. The one who sits immediate right of D sits facing the one who likes 8 in arrangement 2.

II. D sits facing the one who sits third to the right of G in arrangement 1.

III. B sits third to the right of W in arrangement 3.

A. Both II and III

B. Only III

C. Only I

D. Both I and II

E. None of these

Directions (130-134): Study the following information carefully and answer the below questions

Seven persons- L, M, N, O, P, Q, and R are sitting in the linear row facing the north direction. They like different fruits- Apple, Pineapple, Watermelon, Grapes, Orange, Mango, and Kiwi. All the information is not necessarily in the same order.

Q sits second to the left of the one who likes Kiwi. Q sits third from the left end. L sits to the left of Q. The one who likes Mango sits second to the right of L. N sits second to the right of R who sits immediate right of the one who likes Grapes. L and R are not immediate neighbours. The one who likes Apple sits immediate left of O. The one who likes Pineapple sits immediate right of the one who likes Watermelon. M likes neither Watermelon nor Kiwi.

130) If all the persons are sitting in the alphabetical order from the left end then how many persons are unchanged in their position?

A. Two

B. Three

C. One

D. No one

E. Four

131) If L is related to Mango and M is related to Watermelon in a certain way. Then who among the following is related to Pineapple?

A. R

B. The one who like Orange

C. Q

D. The one who sits second to the right of P

E. N

132) Who among the following person likes Grape?

A. The one who sits immediate left N

B. M

C. L

D. O

E. The one who sits immediate right of O

133) What is the position of the one who likes Apple with respect to Q?

A. Second to the left

B. Second to the Right

C. Third to the right

D. Fourth to the right

E. Immediate left

134) Which of the following fruit is liked by N?

A. Mango

B. Grapes

C. Kiwi

D. Watermelon

E. Pineapple

Directions (135-138): Study the following information carefully and answer the questions given below.

Eight persons – P, Q, R, S, T, U, V and W are born in different years but not necessarily in the same order. The age of each person is calculated from the base year 2020. None of the persons was born before 1975 and after 2017.

Note: The last two digits or reverse of the last two digits can be the age of the other person. (For example: If the age of B is equal to the last two digits of the birth year of A, who was born in 1963, then the age of B can be either 63 or 36).

There are only two persons born between R and T, who is born in 1989. The age of W is equal to the last two digits of the birth year of U. The difference between the ages of T and U is 15 years. U is born immediately after R. Q is born two persons after R. The age of T is equal to the last two digits of the birth year of Q. The sum of ages of Q and R is two more than the age of S. Not more than three persons are born between R and W. The age of R is 18 years. The number of persons born before R is one more than the number of persons born after V. The difference between the ages of W and P is 5 years. The sum of the ages of V and P is two more than the sum of the ages of W and T.

135) Who among the following is born immediately before T?

A. P

B. W

C. V

D. S

E. No one born before T

136) What is the sum of ages of P and W?

A. 85

B. 75

C. 13

D. 23

E. Can't be determined

137) Which of the following statement is true?

A. Two persons are born between P and W

B. V is 28 years old

C. U is born in 1984

D. S is born immediately before R

E. More than one is true

138) Who is the youngest in the group?

A. W

B. U

C. Q

D. T

E. P

Directions (139-142): Below questions consists of some conclusions followed by some statements. Study the following information carefully and decide which of the following statement is true for the given conclusion.

139) Conclusion: Some Rabbits are not Cat. All cats can be Monkey. Some Monkeys are not Animal.

Statement:

I. Some Animals are Cow. No Cow is Rabbit. No Monkey is Animal. All Cats are Cow.

II. Some Animals are Cat. All Cats are Monkey. No Monkey is Rabbit. Some Rabbits are Cow.

III. No Cow is Cat. Some Cats are Monkey. All Monkeys are Animal. No Animal is Rabbit.

A. Only I

B. Both II and III

C. All I, II, and III

D. Both I and III

E. None follows

140) Conclusion: Some Rock can never be Mineral. Some Salts are not Black. Some Black can be Rock.

Statement:

I. Some Salts are Black. No Black is Coal. Some Coals are Mineral. Some Minerals are Rock.

II. All Coals are Rock. Some Coals are Salt. No Black is rock. Some Salts are Mineral.

III. No Mineral is Black. Only Rocks are Coal. Some Salts are Rock. Some Minerals are Salt.

A. Only I

B. Both II and III

C. All I, II, and III

D. Only III

E. None follows

141) Conclusion: Some Vitamins not being Salt is a possibility. Some Mineral can never be Sodium. Some Carbon can be Salt.

Statement:

I. All Salts are Mineral. Some Minerals are Carbon. No carbon is Sodium. No Vitamin is Mineral.

II. All Vitamins are Mineral. No Sodium is Carbon. Some Salts are Sodium. Some Minerals are Carbon.

III. No Vitamins are Salt. Some Salts are Carbon. All Carbons are Vitamin. No Vitamin is Sodium.

A. Only II

B. Both II and III

C. All I, II, and III

D. Only III

E. None follows

Directions (142-143): Read the following three conclusions and then decide which of the given conclusions logically follows from the given statements disregarding the commonly known facts, if no conclusion is to follow choose option none follows.

142) Statement:

Only a few Excavator is Loader

All Loader is Trencher

Some Trencher is Bulldozer

All Bulldozer is Telehandler

Conclusion:

I. Some Loader can be Telehandler

II. All Excavator can be Trencher

III. No Bulldozer is Excavator

A. Only I follows

B. Both I and III follow

C. Both I and II follow

D. All I, II, and III follow

E. None follows

143) Statement:

Only a few Tongs is Elevator

Some Elevator is Paver

No Paver is Forklift

All Tongs are Backhoe loader

Conclusion:

I. Some Backhoe loader is not a paver

II. Some Tongs can be Forklift

III. All Elevator can be Paver

A. Only III follows

B. Both II and III follows

C. Both I and II follow

D. All I, II, and III follow

E. None follows

Directions (144-145): Read the conclusions and then decide which of the given conclusions logically follows from the given statements, degrading commonly known facts.

144) Statements

Only a few class is Lab

All Lab is ___(a)___

No Hall is Library

Some __(b)___ is Ground

Conclusion

I. All Hall can be __(c)__

II. Some classes can be Library

Which of the following option to suitably fill the blank (a), (b), and (c) respectively to make the conclusion as both follow

A. Class, Lab, Ground

B. Hall, Library, Ground

C. Library, Hall, Library

D. Library, Hall, Class

E. None of these

145) Statements

Only a few Pen is Pencil

Some Pencil is Book

All Book is Note

No Note is Paper

Conclusion

I. Some ___(a)___ is not a Paper

II. All Pencil can be __(b)__

Which of the following option to suitably fill the blank (a), and (b) respectively to make the conclusion as both follows

A. Pencil, Book

B. Book, Note

C. Note, Pen

D. Pencil, Pen

E. All of the above

Directions (146-148): Study the following information carefully and answer the below questions.

"A @ B" means "A is not greater than B".

"A & B" means "A is neither greater nor equal to B".

"A % B" means "A is not smaller than B".

"A # B" means "A is neither smaller nor equal to B".

"A ^ B" means "A is neither greater nor smaller to B".

146) Statement: B#R^S@M, Q^L%Z&S, H#T%R

Conclusion:

I. B#Q

II. Z&H

III. Q^B

A. Both I and II are true

B. Either I or III is true

C. Only II is true

D. Both II and either I or III are true

E. None is true

147)   Statement: Z#L^M&S, M@K^W,   W#T%Q, S^G#U

Conclusion:

I. W#U

II. Q&L

III. Z#U

A. Both I and II are true

B. Both I and III are true

C. Only II is true

D. Only III is true

E. None of these

148) Statement: H#Q^S#T@W^M#Z%Y

Conclusion:

I. H#M

II. S&T

III. Q%T

A. Both I and II are true

B. Either II or III is true

C. Only II is true

D. Only III is true

E. None is true

Directions (149-151): In each of the following questions, assuming the given statements to be true, find which of the conclusions given below is/are definitely true.

149) Statements:

P ≤ S = N = D, M ≥ E = L ≤ K, T = L < P

Conclusions:

I. S ≥ M

II. T ≤ K

III. D > E

Options:

A. Only I

B. Both III and I

C. Only II

D. All I, II, and III

E. Both II and III

150) Statements:

Z < P ≥ M > K, W = X ≤ L > R, P ≤ L < Y

Conclusions:

I. Z < Y

II. K < W

III. R ≥ P

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Options:

A. Only I

B. Both III and I

C. Only II

D. All I, II, and III

E. Both II and III

151) Statements:

L > W ≤ B < P, G > A ≤ M = Q, D ≤ A = B

Conclusions:

I. B = Q

II. M ≥ W

III. P < G

Options:

A. Only I

B. Both III and I

C. Only II

D. All I, II, and III

E. Both II and III

Directions (152-153): In each of the following questions, the relationship between different elements is shown in the statements followed by three conclusions. Find the conclusion which is definitely true.

152) Statements:

H ≤ J ≤ R = T < G; B ≥ N > G ; H = S ≥ L

Conclusions:

I. T ≤ B

II. L ≤ T

III. S < N

A. Only I and II follows

B. Only I follows

C. Only II follows

D. Only II and III follow

E. Only I and III follow

153) Statements:

B < O ≤ I < N = R ; T < Y = R ≤ L< D; O > A > S

Conclusions:

I. L > A

II. B ≤ Y

III. A > R

A. Only I and II follows

B. Only I follows

C. Only II follows

D. Only II and III follow

E. Only I and III follow

Directions (154-157): Study the following information carefully and answer the below questions.

In a certain code language following statements are coded as follows:

"Hard Core Insert Round Shape" is coded as "W@8 I%14 R@12 J%14 Q&29".

"Moment Sound Heavy Insert Price" is coded as "I%15 T%17 Q&29 M&33 L%11".

"Fabric Motion Rough Money Bond" is coded as "T&9 J%10 M&27 X@6 O%12".

154) What is the code of "Magic" in the given code language?

A. J@12

B. O%10

C. O@12

D. M&10

E. None of these

155) How "Fabric Price" are coded in the given code language?

A. J%10 T%17

B. M&28 T@18

C. L%11 T&9

D. T&9 M&33

E. None of these.

156) Which of the following word is coded as "I%14" in the given code language?

A. Hard

B. Shape

C. Insert

D. Round

E. None of these

157) How "Global Power" is coded in the given code language?

A. S&19 L%12

B. T%21 J&11

C. R&19 L%12

D. S&21 J%12

E. None of these

Directions (158-159): Study the following information carefully and answer the question given below:

A#B means A is the wife of B

A? B means B is the father of A

A*B means B is the daughter-in-law of A

A$B means A is the mother-in-law of B

A&B means A is the son-in-law of B

A@B means A is the brother of B

158) If P$R#Q&M*V#T@O and if R has a sister then how is T's only brother-in-law related to R's sister?

A. Husband

B. Son

C. Father

D. Brother-in-law

E. Cousin

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159) If B?E@G*A#D?F&H and if B has no grandfather then how is G's mother related to E's nephew?

A. Maternal grandmother
B. Paternal grandmother
C. Mother
D. Sister-in-law
E. Sister

Directions (160-161): Study the following information carefully and answer the questions given below.

A family consists of eight members. Each member has a different amount of chocolates. U, who has 150 chocolates, takes 8 chocolates and gives the remaining chocolates to his mother T. T takes 21 chocolates and gives the remaining chocolates to her only daughter-in-law R. R takes 13 chocolates and gives the remaining chocolates to her nephew Y, who is also the only son of his parents. Y takes 17 chocolates and gives the rest of the chocolates to his mother Q. U's sister Q takes 22 chocolates and gives the remaining chocolates to her father V. V takes 6 chocolates and gives the remaining chocolates to his granddaughter W, who has no sibling. W takes 26 chocolates and gives the remaining chocolates to her grandfather S.

160) How many chocolates does Q's sister-in-law have?

A. 22
B. 21
C. 13
D. 26
E. None of these

161) How is W's grandfather related to U and how many chocolates does W's grandfather have?

A. Father – 6
B. Brother – 37
C. Father-in-law – 37
D. Brother-in-law – 17
E. Can't be determined

Directions (162-164): Study the following information carefully and answer the below questions.

"A%B(12)" means "A is 8m north of B".

"A&B(8)" means "A is 14m south of B".

"A#B(21)" means "A is 17m west of B".

"A@B(18)" means "A is 24m east of B".

Note: "A%@B" means "A is north-east of B".

Condition: A#K(12), B%G(22), F@C(22), H%K, H@B(6), F&D(30), A%C(22), H&E(9), D&@E, D@H

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162) If point L is 25m north of point A, then what is the position of point L with respect to point E?

A. 6m, north-east

B. 4√3m, south-east

C. 8√2m, south-west

D. 6√2m, north-west

E. None of these

163) If Raman walks 18m towards west from point K and then takes a left turn of 6m, then what is the distance between Raman and point G?

A. 6m

B. 4√3m

C. 8m

D. 6√2m

E. None of these

164) What is the position of point K with respect to point D?

A. North-east

B. South-west

C. West

D. South

E. None of these.

Directions (165-166): Study the following information carefully and answer the below questions.

Point L is 17m to the west of G, which is 5m east of B. M is to the north of L. P is 21m to the north of U, which is 8m to the east of W. F is 20m to the north of G. K is 8m to the east of G and is 15m south of Y. B is 13m south-west of P and 20m south-east of M. U is to the south of G.

165) What is the shortest distance between B and W?

A. 12m

B. 3√10m

C. 9m

D. 6√5m

E. None of these.

166) What is the distance and direction of F from P?

A. 12m, south-west

B. 12m, north

C. 8m, North

D. 8m, north-west

E. Can't be determined

Directions (167-168): Study the following information carefully and answer the below questions

Seven cities- A, B, C, D, E, F, and G have different number of petrol bunks. City G has four bunks more than city E. City C has less bunk than only

one city. The number of cities have more bunks than G is the same as the number of cities have less bunks than D. City D has three bunks more than City G. City A has less bunk than city E. The difference between the bunks in cities D and F is twice the difference between the bunks in cities F and G. City G has thrice the petrol bunk that City A has. The city which has the second-lowest number of bunks has five bunks.

167) How many cities have more bunks than D?

A. Four

B. One

C. Two

D. Three

E. Five

168) If B has two bunks more than the C which has twice the bunks in the third lowest city, then what is the sum of the bunks in city B and city C?

A. 41

B. 42

C. 40

D. 38

E. 36

Directions (169-174): Study the following information carefully and answer the questions given below.

Seven persons E, F, G, H, I, J and K are paying the interest for their loans. The interest paid by I is less than K but more than F, who doesn't pay the least interest. E pays the interest immediately less than the interest paid by J. H pays more interest than G, who doesn't pay less than I. J doesn't pay more than F whereas only one person pays more than K. The one who pays the second least pays Rs.7000. The difference between each person's interests is Rs.4000.

169) What will be the difference between the interest paid by G and F?

A. Rs.6000

B. Rs.9000

C. Rs.8000

D. Rs.7000

E. Cannot be determined

170) If the average interest paid by K and L is Rs.18500, then what is the interest paid by L?

A. Rs.16000

B. Rs.13000

C. Rs.18000

D. Rs.14000

E. None of these

171) If all the letters of the following words are changed to the second successive letter as per the

alphabetical series, then arrange the letters in alphabetical order within the word, how many words have a vowel that is immediately preceded by consonants?

I. CIRCUIT

II. DIGITAL

III. EXPLAIN

A. Only I

B. Only II

C. Only I and II

D. Only III

E. All I, II, and III

172) If 2 is added to all the odd positioned digits and 3 is subtracted from all the even positioned digits and then all the digits are arranged in descending order from right to left, then which of the following number has the minimum number of digits remains unchanged in their position?

I. 254857697315

II. 65485618465413

III. 564918491706233

A. Only II

B. Only III

C. Both I and III

D. All I, II and III

E. None of these

173) For how many words the number of letters between the pair of letters are as many as between the English alphabetical series going backward and forward is two or more?

I. ARYAVART

II. COMPUTER

III. GRAPHICS

A. Only III

B. Both I and II

C. Both II and III

D. Only II

E. None of these

174) If the 3rd letter from the left end of all the words are taken as it is to form new meaningful words after arranging the letters of each word in reverse alphabetical order within the word, which of the following will not form a meaningful word?

I. Acid, Area, Shut, Text

II. Rain, Tent, Sell, Wood

III. Past, Root, Sort, Twit

IV. Base, Away, Hunt, Skin

A. Only I

B. Both III and IV

C. Only II

D. I, III and IV

E. All I, II, III and IV

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Directions (175-179): Study the following information carefully and answer the questions given below.

The given line graph shows the percentage of male and female clear five different prelims exams.
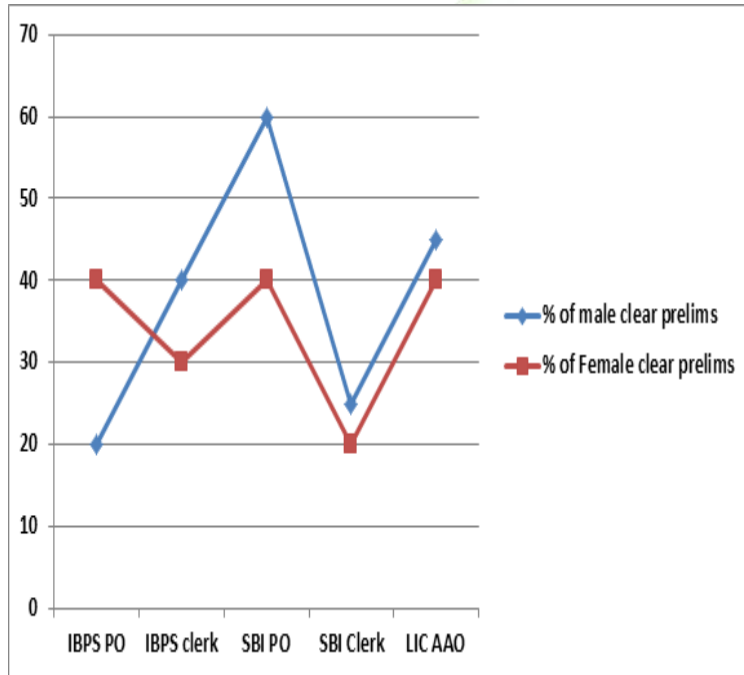
175) If the total number of male and female candidates appeared in SBI PO prelims is 18000 and the ratio of the male to female candidates appeared in SBI PO prelims is 2:3, what is the difference between the number of male and female candidates cleared in SBI PO prelims?

A. 100
B. 180
C. 220
D. 240
E. None of these

176) What is the ratio of the number of female to male candidates appeared in LIC AAO prelims?

A. 3:2
B. 9:8
C. 8:9
D. Cannot be determined
E. None of these

177) If the total number of male and female candidates appeared IBPS Clerk prelims exam is 60000 and the ratio of the number of male to female candidates appeared in the IBPS Clerk prelims exam is 2:3, then find the sum of the number of female and male candidates cleared in the IBPS Clerk prelims exam?

A. 18000
B. 18600
C. 20400
D. 21000
E. 21600

178) If the number of male candidates cleared in RBI grade B prelims is 20% more than the number of male candidates cleared LIC AAO Prelims and the number of male candidates appeared in LIC AAO prelims is 24000, then find the number of male candidates cleared in RBI Grade B Prelims?

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A. 12960

B. 12830

C. 12740

D. 12890

E. None of these

179) If the total number male and female candidates appeared in IBPS PO prelims exam is 18000 and 48000 respectively and the total number of male and female candidates appeared in SBI Clerk prelims exam is 12000 and 24000 respectively. What is the difference between the number of male candidates cleared in IBPS PO prelims and SBI Clerk prelims together and the number of female candidates cleared in IBPS PO and SBI Clerk prelims together?

A. 17400

B. 17200

C. 18200

D. 18500

E. 19200

Direction (180-184): Study the following information carefully and answer the questions given below.

The given bar graph shows the number of total movies (Kollywood + Tollywood) in 2 different years 2019 & 2020 watched by each of three persons A, B, C.
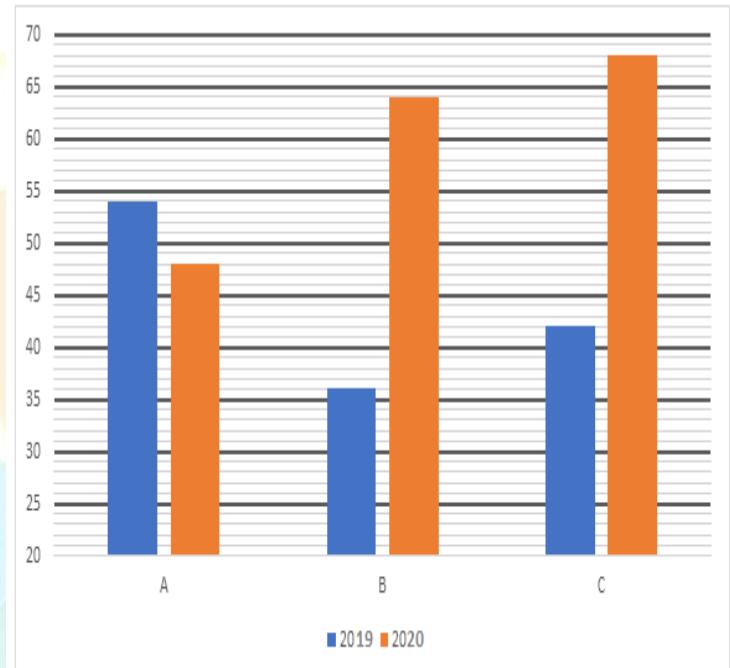
180) Ratio of the Tollywood movies watched by A in 2020 to that of in 2019 is 12: 17 and A watched 20 Kollywood movies in 2019. Then what percent of the Kollywood movies watched by A in 2020 out of the total movies watched by A in both years together?

A. 44 4/19 %

B. 50 %

C. 47 1/17 %

D. 23 9/17 %

E. 33 1/3 %

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181) What is the difference between the total number of movies watched by all 3 persons in 2019 and 2020?

A. 46

B. 48

C. 62

D. 38

E. 56

182) The movies watched by C in 2019 & 2020 together is what percentage more/less than the movies watched by B in 2019 & 2020 together?

A. 10% more

B. 9.09% more

C. 11.11% more

D. 16.67% more

E. 7.28% more

183) In 2021, A & B both watched 50% more movies than that of in 2020, then what is the average of number of movies watched by A & B in 2021?

A. 50.5

B. 67.5

C. 48

D. 56

E. 84

184) If 25% and 75% of the movies watched by A in 2020 and B in 2019 respectively are screened in open air theatre, then what is the total number of movies watched by A in 2020 and B in 2019 in modern theatres. (note: All the persons watched the movie either in open air theatres or modern theatres)?

A. 55

B. 44

C. 45

D. 35

E. 25

Directions (185-189): Read the following information carefully and answer the questions.

The table given below shows the total number of employees (hardware, software developers and other employees) in five cities i.e. Kolkata, Surat, Pune, Jaipur and Indore, the percentage of other employees in five different cities and also given the ratio of hardware and software developers.

City	The total number of employees	Percentage of other employees	Ratio of hardware and software developers
Kolkata	1600	37.5%	11:9
Surat	2400	16.66%	3:2
Pune	3500	28.56%	9:16
Jaipur	1800	33.33%	9:15
Indore	1100	9.09%	13:7

185) Find the ratio of the difference between the number of software developers in Pune and Surat to the difference between the number of hardware developers in Pune and Kolkata?

A. 16:7

B. 11:9

C. 17:5

D. 5:9

E. None of these

186) If the ratio of the number of male and female software developers in Jaipur is 3:2, then the number of software developers in Indore is how much percentage more/less than the number of female software developers in Jaipur?

A. 25% more

B. 15% more

C. 18% more

D. 16.67% more

E. None of these

187) If in the next year, the number of employees in Surat is 8.33% more than the present year, the ratio of the number of other employees in present and next year is 2:3 and then find the number of hardware and software developers in next year?

A. 2100

B. 2000

C. 2700

D. 2500

E. None of these

188) Find the difference between 133.33% of the total number of hardware developers in Surat and 75% of the total number of other employees in Jaipur and Kolkata together?

A. 750

B. 725

C. 700

D. 775

E. None of these

189) If the number of hardware and software developers in Chennai is 125 and 275 more than that of Kolkata respectively, then the number of hardware and software developers in Chennai is what percentage of the total number of employees in Pune?

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A. 60%

B. 40%

C. 25%

D. 55%

E. None of these

Direction (190-194): Study the following information carefully and answer the questions given below.

The given pie chart shows the total number of books (Medical and Non-medical) available in five different libraries.

Total number of books = 12000
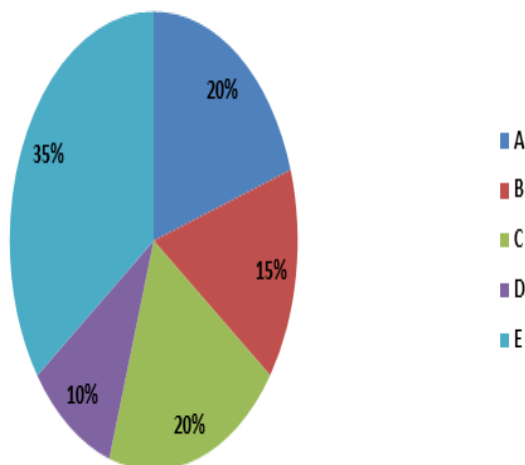
The given table shows the percentage of Medical related books in those libraries.

Libraries	% of medical related books
A	5%
B	10%
C	25%
D	40%
E	20%

190) The total number of Medical related books in B is what percent of the total number of medical related books in A?

A. 120%

B. 150%

C. 140%

D. 130%

E. 160%

191) Out of the total number of non-medical related books in C, 25% are cinema, 15% are sports and the rest are engineering related books. Find the number of engineering related books in C?

A. 1080

B. 1090

C. 1100

D. 1060

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E. 1040

192) Find the average number of medical related books in D, C and B?

A. 360

B. 480

C. 420

D. 450

E. 390

193) If the total number of books in F is 25% more than that of C and the total number of medical related books in F is equal to the difference between the total number of medical related books in E and A, then find the total number of non-medical related books in F?

A. 2260

B. 2280

C. 2300

D. 2240

E. 2320

194) Find the central angle for total number of books in E?

A. 1180

B. 1220

C. 1240

D. 1160

E. 1260

Direction (195-199): Study the following information carefully and answer the questions given below.

Total number of persons vaccinated in Tamilnadu on five different months (March, April, May, June and July) together is 70000. The total number of male vaccinated in Tamilnadu on five months together is 4000 more than that of female. The ratio of the total number of female vaccinated in Tamilnadu to the number of female vaccinated in May is 11:2. The ratio of the number of male vaccinated in April to the number of female vaccinated in May is 1:2. The ratio of the number of male vaccinated on April to June is 1:4. The number of male vaccinated in July is 2000 more than the number of male vaccinated in May. Total number of persons vaccinated in April is 12000. The ratio of the total number of persons vaccinated in April to the number of female vaccinated in July is 12:7. The number of female vaccinated in March is 20% more than the number of female vaccinated in June. The ratio of the number of male vaccinated in March to the number of female vaccinated in July is 4:7.

195) What is the ratio of the total number of persons vaccinated in June to July?

A. 2:1

B. 3:1

C. 1:2

D. 2:3

E. None of these

196) The number of female vaccinated in March is what percent of the total number of persons vaccinated in March?

A. 40%

B. 50%

C. 60%

D. 30%

E. 70%

197) What is the difference between the number of female and male vaccinated in April, May and June together?

A. 2000

B. 2500

C. 3000

D. 3500

E. None of these

198) What is the ratio of the number of female to male vaccinated on July?

A. 7:10

B. 9:13

C. 5:9

D. 5:11

E. None of these

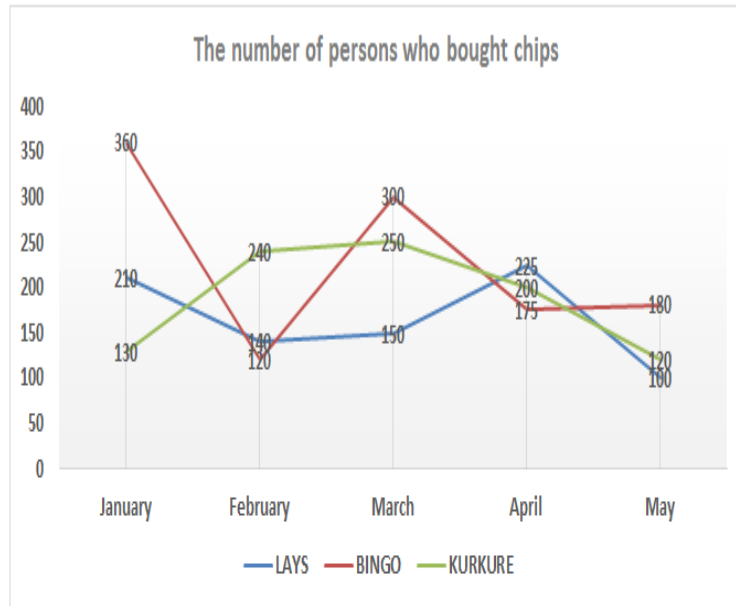199) Find the total number of male vaccinated in April, July and May together?

A. 20000

B. 21000

C. 22000

D. 24000

E. 18000

Direction (200-205): Read the following information carefully and answer the questions.

The given line graph shows the number of persons who bought three different chips (Lays, Bingo and Kurkure) in five different months and the ratio of the number of males and females who bought chips in five different months is also given in the table.

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The number of persons who bought chips

Month	Ratio of male and female
January	4:3
February	7:3
March	9:5
April	1:2
May	3:5

200) Find the difference between the average number of persons who bought Bingo in February, March and May together to the average number of persons who bought Lays in February, March and May together?

A. 70

B. 50

C. 80

D. 60

E. None of these

201) If the total number of persons who bought chips in June is 28.56% more than the total number of persons who bought chips in January, then find the ratio of the total number of persons who bought chips in June and April?

A. 5:4

B. 9:7

C. 4:3

D. 3:2

E. None of these

202) If the ratio of the number of persons who bought Little hearts and Bingo in March is 7:5, then the number of persons who bought Little hearts in March is how much percentage more/less than the number of persons who bought Bingo in January?

A. 12.5% more

B. 45% more

C. 16.66% more

D. 20% more

E. None of these

203) If the price of a Lays, Bingo and Kurkure is Rs. 10, Rs. 15 and Rs. 12 respectively, then find the total amount earned by 10% of Lays in March,

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25% of Bingo in February and 20% of Kurkure in May?

A. Rs. 564

B. Rs. 888

C. Rs. 729

D. Rs. 642

E. None of these

204) Find the difference between the total number of males who bought chips and the total number of females who bought chips in five different months?

A. 200

B. 350

C. 150

D. 250

E. None of these

Directions (205-209): Study the following information carefully and answer the questions given below.

The given pie chart shows the percentage break up of the number of palm trees in five different cities.

Total number of Palm trees = 6000

- Chennai
- Mumbai
- Hyderabad
- Delhi
- Bangalore
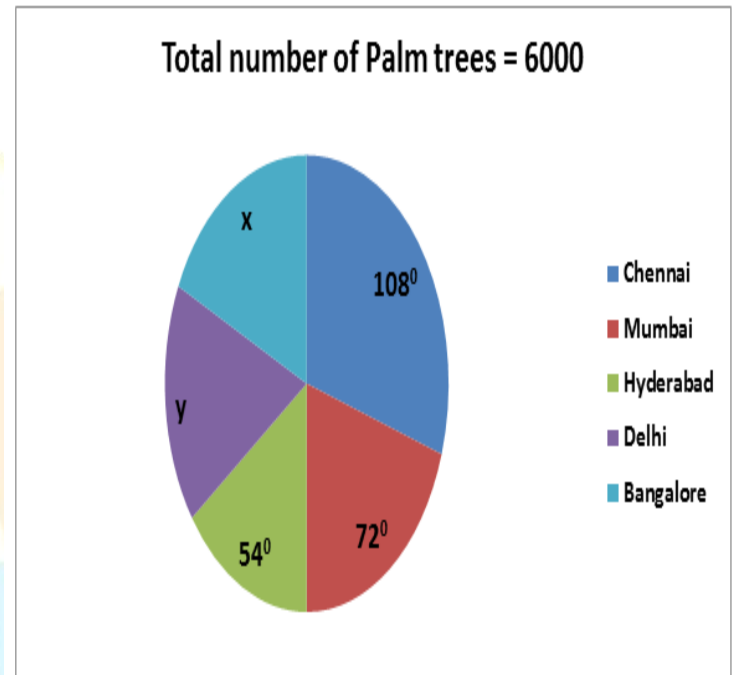
Note: $x - y = 1\%$

205) If the difference between the number of palm trees in Chennai and Delhi is equal to the number of palm trees in Pune and the ratio of the number of 70 feet and 50 feet palm trees in Pune is 7:6, then find the number of 50 feet palm trees in Pune?

A. 320

B. 340

C. 360

D. 300

E. 380

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206) What is the ratio of the number of palm trees in Bangalore and the number of palm trees in Hyderabad?

A. 6:5

B. 5:4

C. 11:9

D. 2:1

E. 3:2

207) Number of Neem trees in Mumbai is 25% of the total number of palm trees in Mumbai and the ratio of the number of Coconut and Mango trees in Mumbai is 8:7. If the number of Mango trees in Mumbai is 40% more than the number of Neem trees in that city, then find the number of Coconut trees in Mumbai?

A. 400

B. 420

C. 440

D. 480

E. 490

208) If the average number of palm trees in Mumbai and Shimla is 880, then what is the difference between the number of palm trees in Chennai and Shimla?

A. 1300

B. 1290

C. 1310

D. 1320

E. 1240

209) If the ratio of the number of palm trees in Hyderabad to Patna is 3:7, then the number of palm trees in Bangalore is what percent of the number of palm trees in Patna?

A. 48.19%

B. 51.42%

C. 43.89%

D. 53.62%

E. 55.55%

210) A shopkeeper sold 40% of the pen to Ramesh at 20% more than its cost price and 80% of the remaining pens sold to Ram at the cost price and the remaining pens are sold to Ravi at the loss of 25%. Find the profit percentage of selling of all the pens?

A. 10

B. 8

C. 12

D. 7

E. None of these

211) Nilavan had Rs.15000 with him. He invests some amount in a simple interest scheme at the

rate of 18% per annum and rest of the amount in a compound interest scheme at the rate of 20% per annum. After 2 years, total interest earned by him from both the schemes is Rs.6120. Find the amount invested in the simple interest scheme?

A. Rs.8000

B. Rs.7000

C. Rs.6000

D. Rs.9000

E. Rs.5000

212) The average age of A, B, C and D is 40 years. The present age of B is 90% of the present age of A and the present age of D is 40% of the present age of C. If 10 years hence the age of B is 24 years less than the age of C at that time, then find the sum of the ages of B and D?

A. 50 years

B. 40 years

C. 70 years

D. 60 years

E. 90 years

213) The income of Amirtha is Rs.4000 more than that of Aliya. If Amirtha spends 85% of her income and Aliya saves 20% of her income and their savings are equal, then find the expenditure of Aliya?

A. Rs.9200

B. Rs.9600

C. Rs.10000

D. Rs.10200

E. Rs.8800

214) A and B started the business with the investment of Rs.7000 and Rs.11000 respectively. After one year, C joined them with the investment of Rs.(x + 4000). After one more year, A invested Rs.1000 more and B withdrew Rs.1000. At the end of the three years, the profit share of B is 60% more than the profit share of C, then find the value of x?

A. Rs.4000

B. Rs.5000

C. Rs.6000

D. Rs.7000

E. Rs.3000

215) Raheem started walking from Chennai towards Tambaram and at the same time Ravi started walking from Tambaram to Chennai. After reaching their destination, they turned back towards their starting points. At first time, they met at a distance of 215 km from Chennai and at the second time, they met at Chennai. What is the distance between Chennai and Tambaram?

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A. 350 km

B. 322.5 km

C. 387 km

D. 300 km

E. None of these

216) Bag P contains 5 red balls and 7 blue balls. Bag Q contains 7 red balls and 5 blue balls. One ball is drawn at random from any of the given two bags. Find the probability of getting a blue ball.

A. 1/2

B. 3/15

C. 5/2

D. 5/250

E. None of these

217) If the difference between the selling and marked price of the Radio is Rs.495 and the marked price of the Radio is 80% more than its cost price. If the shopkeeper gets the profit of 25%, then find the difference between the marked price and cost price of the Radio?

A. Rs.720

B. Rs.750

C. Rs.780

D. Rs.840

E. None of these

218) Anil, Bala and Sharu work alternatively complete the work in 24 days. If the efficiency of Bala is 50% of the efficiency of Anil and the efficiency of Sharu is 3/2 of the efficiency of Bala and the efficiency of David is double of Sharu. In how many days David alone complete the work?

A. 12 days

B. 15 days

C. 18 days

D. 20 days

E. None of these

219) P alone can do a work in 20 days while Q alone can do the same work in 25 days. P alone does the work for first 2 days and then Q joins. P and Q work together for the next 5 days and then P alone does the remaining work. How many days will P take to complete the remaining work?

A. 3

B. 5

C. 7

D. 9

E. None of these

220) A vessel contains a mixture of milk and water, containing 45% of water. 120 liters of mixture is taken out from the vessel and replaced with 4 liters of water and then the quantity of the milk in the

final solution is 10% more than that of water. Find the quantity of water in the final solution?

A. 30 liters

B. 40 liters

C. 50 liters

D. 60 liters

E. 70 liters

221) Rahul invests Rs.12800 in a simple interest scheme for 5 years and also he invests the same amount in a compound interest scheme at the same rate of interest for 2 years. If the ratio of the interest amount received from simple interest to compound interest scheme is 100:43, then find the rate of interest per annum?

A. 10%

B. 12%

C. 15%

D. 18%

E. 20%

222) The average weight of 36 students in the class is 68 kg. The ratio of the average weight of boys to girls in the class is 8:7. If the number of the boys in the class is 25% more than that of girls, then find the average weight of boys in the class?

A. 72 kg

B. 76 kg

C. 75 kg

D. 78 kg

E. 84 kg

223) The time taken by boat A to travel 150 km downstream is equal to the time taken by boat B to travel 50km upstream. Find the ratio of the A's speed and B's speed in still water, if the sum of the speed of the both boats in still water is 20kmph and the speed of the current is 5kmph

A. 1: 1

B. 2: 3

C. 3: 2

D. 1: 3

E. None of these

224) The ratio of the number of students in classes X and Y is 7:4. If the difference between the number of students in class X when increased by 28.56% and again increased by 8.33% and the number of students in class Y is 23, then find the average number of students in class X and Y?

A. 22

B. 28

C. 26

D. 24

E. None of these

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225) Radius of the cone is 14 cm and the volume of the cone is 1232 cm³. If the height of the cone is half of the height of cuboid and the volume of the cuboid is 3240 cm³ and the ratio of the length and breadth of the cuboid is 5:6, then find the breadth of the cuboid?

A. 12 cm

B. 18 cm

C. 30 cm

D. 24 cm

E. 6 cm

226) 300 m long train A crosses a car running opposite direction in 12 seconds and also crosses 240 m long tunnel in 32.4 seconds. If the speed of train B is 140% more than the speed of car and train B crosses the same tunnel in 30 seconds, then what is the time taken by train A crosses train B running in same direction?

A. 2 minutes and 36 seconds

B. 2 minutes and 48 seconds

C. 3 minutes and 18 seconds

D. 3 minutes and 42 seconds

E. None of these

227) In how many ways "IMPLEMENT" can be arranged in such a way that all vowels and consonants come together?

A. 720

B. 1440

C. 1080

D. 2160

E. None of these

228) Box A contains the mixture of Rocket and sparkler crackers and the total number of crackers in A is 320. Box B contains the mixture of Rockets and sparklers in the ratio of 1:1. The number of rockets in B is 200 and the ratio of the number of rockets in A and B is 5:4. If 25% of crackers from A and 3/4 of the crackers from B are mixed, then find the ratio of the rockets and sparklers after mixing A and B?

A. 85:67

B. 95:68

C. 82:63

D. 82:67

E. 85:63

229) Bus A starts at 6AM from Chennai to Mumbai at the speed of 64 km/hr and bus B starts at 8AM from Mumbai to Chennai at the speed of 96 km/hr. If they meet at 11AM, then find the total distance between Chennai to Mumbai?

A. 432 km

B. 578 km

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C. 608 km

D. 392 km

E. None of these

Directions (230-234): Following questions contain two statements as statement I and statement II. You have to determine which statement/s is/are necessary to answer the question and give the answer as,

230) A Jar contains a mixture of milk and water. Find the quantity of the Jar?

Statement I: If 25 liters of water is added to the mixture of Jar, then the ratio of milk and water becomes 4:5

Statement II: If 10 liters of milk is added to the mixture of Jar, then the

ratio of milk and water becomes 6:5

A. The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question

B. The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question

C. The data either in statement I alone or in statement II alone is sufficient to answer the question

D. The data given in both statements I and II together are not sufficient to answer the question

E. The data given in both statements I and II together are necessary to answer the question.

231) What is the present age of Hari?

Statement I: Ratio of the present ages of Saina and Hari is 3:2

Statement II: Ratio of the ages of Hari and Sania after 3 years is 5:4

A. The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question

B. The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question

C. The data either in statement I alone or in statement II alone is sufficient to answer the question

D. The data given in both statements I and II together are not sufficient to answer the question

E. The data given in both statements I and II together are necessary to answer the question.

232) What is the ratio of the number of boys to girls in the class?

Statement I: The number of boys in the class is 18 less than the number of girls in the same class.

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Statement II: Total number of students in the class is 30 more than the number of girls in the same class.

A. The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question

B. The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question

C. The data either in statement I alone or in statement II alone is sufficient to answer the question

D. The data given in both statements I and II together are not sufficient to answer the question

E. The data given in both statements I and II together are necessary to answer the question.

233) In how many days one man and five women together can complete the work?

Statement I: 5 men and 9 boy children together can complete the work in 18 days and 8 men and 8 girl children together can complete the work in 12 days.

Statement II: one man and one woman together can complete the work in 12 days.

A. The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question

B. The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question

C. The data either in statement I alone or in statement II alone is sufficient to answer the question

D. The data given in both statements I and II together are not sufficient to answer the question

E. The data given in both statements I and II together are necessary to answer the question.

234) What is the volume of the cone?

Statement I: If the radius of the cone is 50% more than the radius of the circle whose area is 616 cm^2.

Statement II: The height of the cone is 24 cm and the curved surface area of the cone is 1650 cm^2.

A. The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question

B. The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question

C. The data either in statement I alone or in statement II alone is sufficient to answer the question

D. The data given in both statements I and II together are not sufficient to answer the question

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E. The data given in both statements I and II together are necessary to answer the question.

Directions (235-239): Following questions contain two statements as statement I and statement II. You have to determine which statement/s is/are necessary to answer the question and give an answer as,

a) The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question

b) The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question

c) The data either in statement I alone or in statement II alone is sufficient to answer the question

d) The data given in both statements I and II together are not sufficient to answer the question

e) The data given in both statements I and II together are necessary to answer the question.

235) What is the total number of students in the Carvel school?

Statement I: 62.5% of girls in the Carvel school and the difference between the girls and boys in the Carvel school is 100.

Statement II: The number of students in Carvel school is 20% more than the number of students in Gudway School. The difference between the two schools students is 120.

A. a
B. b
C. c
D. d
E. e

236) Find the initial investment of B, if all A, B and C are started a business together?

I) A, B and C invested in the ratio of 2 : 3 : 4. After 4 months, A invested Rs. 10000 more and after another 2 months, C withdraws Rs. 10000. The share of A, B and C at the end of the year is in the ratio of 16 : 18 : 21.

II) A, B and C invested in the ratio of 2 : 3: 4. After 5 months, A invested Rs. 5000 more and after another 3 months, B withdraws Rs. 10000. The total profit at the end of the year is Rs. 1075000.

A. a
B. b
C. c
D. d
E. e

237) Find the present age of C?

I) The ratio of present age of A and B is 5 : 8 and the age of A, 8 years hence is 33 years.

II) The present age of B is equal to the age of C, after 12 years.

A. a
B. b
C. c
D. d
E. e

238) How long will 4 men and 10 women take to do the work?

I) 5 men and 8 women can complete the work in 12 days.

II) 8 men and 10 women can complete the same work in 8 days.

A. a
B. b
C. c
D. d
E. e

239) What is side of the rhombus?

Statement I: Perimeter of the rhombus is 100 cm

Statement II: Area of the rhombus is 96 cm^2.

A. a
B. b
C. c
D. d
E. e

Directions (240-244): The question contains a statement followed by Quantity I and Quantity II. Read the contents clearly and answer your questions accordingly.

240)

Quantity I: If the diagonal of the square is 24√2 cm, then find the area of the square?

Quantity II: If the perimeter of the rectangle is 80 cm and breadth of the rectangle is 16 cm, then find the area of rectangle?

A. Quantity I > Quantity II
B. Quantity I ≥ Quantity II
C. Quantity II > Quantity I
D. Quantity II ≥ Quantity I
E. Quantity I = Quantity II or Relation cannot be established

241)

Quantity I: 200 m long train crosses a tunnel of equal length in 20 sec. Find the speed of train (In km/hr)?

Quantity II: 80 km/hr

A. Quantity I > Quantity II
B. Quantity I ≥ Quantity II
C. Quantity II > Quantity I
D. Quantity II ≥ Quantity I

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E. Quantity I = Quantity II or Relation cannot be established

242)

Quantity I: The ratio between the speed of downstream and upstream of the boat is 12: 5. The boat travels 288 km downstream in 12 hours. Then find the speed of boat in still water?

Quantity II: The boat travels 120 km upstream in 15 hours. Find the speed of boat in still water, if the speed of stream is 12 km/hr?

A. Quantity I > Quantity II

B. Quantity I ≥ Quantity II

C. Quantity II > Quantity I

D. Quantity II ≥ Quantity I

E. Quantity I = Quantity II or Relation cannot be established

243)

Quantity I: A is 50 % more efficient than B. Both of them together can complete the work in 9 (3/5) days. Find the number of days taken by C alone to complete the work, if C is 20 % less efficient than A?

Quantity II: 20 days

A. Quantity I > Quantity II

B. Quantity I ≥ Quantity II

C. Quantity II > Quantity I

D. Quantity II ≥ Quantity I

E. Quantity I = Quantity II or Relation cannot be established

244)

Quantity I: In how many ways can the letters of the word "CELEBRATE" be arranged so that vowels always come together?

Quantity II: In how many ways can the letters of the word "ULTIMATE" be arranged so that consonants always come together?

A. Quantity I > Quantity II

B. Quantity I ≥ Quantity II

C. Quantity II > Quantity I

D. Quantity II ≥ Quantity I

E.Quantity I = Quantity II or Relation cannot be established

Directions (245-249): The following questions have two quantities as Quantity I and Quantity II. You have to determine the relationship between them and give the answer.

245)

Quantity I: Bala invests Rs.6000 in a simple interest scheme at the rate of R% per annum for 4 years. Nithish invests Rs.9000 in the same simple interest scheme at the same rate of interest for 3 years. If the difference between the interest

received by Bala and Nithish is Rs.540, find the value of R?

Quantity II: Rani invests Rs.3500 in a simple interest scheme at the rate of 15% per annum for x years. After x years, Rani received a total amount of Rs.9800. Find the value of x?

A. Quantity I > Quantity II

B. Quantity I ≥ Quantity II

C. Quantity II > Quantity I

D. Quantity II ≥ Quantity I

E. Quantity I = Quantity II or Relation cannot be established

246)

Quantity I: Marked price of Laptop is 40% more than its cost price. If the shopkeeper offers the discount of 10% on marked price while he gets the profit of Rs.3120, then find the cost price of the laptop?

Quantity II: The ratio of the selling to the marked price of the mobile is 17:20. If the discount offered by the shopkeeper is Rs.2250 and the marked price of the mobile is 25% more than its cost price, then find the cost price of the mobile?

A. Quantity I > Quantity II

B. Quantity I ≥ Quantity II

C. Quantity II > Quantity I

D. Quantity II ≥ Quantity I

E. Quantity I = Quantity II or Relation cannot be established

247)

Quantity I: 10 hours

Quantity II: Pipe A and B together can fill the tank in 8 hours and the efficiency of pipe B is 50% more than pipe C and pipe D and B together can fill the tank in 12 hours. Efficiency of pipe A is double of pipe B, in how many hours pipe A and D together can fill the tank?

A. Quantity I > Quantity II

B. Quantity I ≥ Quantity II

C. Quantity II > Quantity I

D. Quantity II ≥ Quantity I

E. Quantity I = Quantity II or Relation cannot be established

248)

Quantity I: A vessel contains 40 Litres of milk and water mixture in the ratio of 5:3. If a certain quantity of the mixture is taken out and replaced by 10 litres of water, then the ratio of milk and water becomes 15 : 19, then find the quantity of milk in the final solution is how much less than in the quantity of milk in the initial mixture?

Quantity II: 15

A. Quantity I > Quantity II

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B. Quantity I ≥ Quantity II

C. Quantity II > Quantity I

D. Quantity II ≥ Quantity I

E. Quantity I = Quantity II or Relation cannot be established

249)

Quantity I: The Perimeter of a rectangle having length and breadth 15cm and 9cm is equal to the perimeter of Square. Then find the circumference of the semicircle whose radius is equal to the side of the square?

Quantity II: Out of 12 students studying in a class, 5 students like football, 4 students like cricket and 3 students like Hockey. Three students are to be selected at random. What are the chances that at least one from Hockey is selected?

A. Quantity I > Quantity II

B. Quantity I ≥ Quantity II

C. Quantity II > Quantity I

D. Quantity II ≥ Quantity I

E. Quantity I = Quantity II or Relation cannot be established

Directions (250-254): What value should come in the place of (?) in the following questions?

250) $24^2 ÷ 16 × 48 + 9^2 = 6 × ? – 36\%$ of 1500

A. 434.5

B. 523

C. 556

D. 391.5

E. None of these

251) 1/9 of 6561 – 4/5 of 1350 + 25% of 8000 = 1/8 of 4800 +?

A. 849

B. 949

C. 1049

D. 749

E. None of these

252) 75 % of 280 – √196 * 4=? - 112

A. 228

B. 232

C. 236

D. 266

E. 246

253) 17 * 14 – 38 = (?)² - √9409 + √64

A. 21

B. 22

C. 17

D. 15

E. 19

254) ? ÷ 30 + 12 % of 125 = 4(3/6) * 7

A.490

B.495

C.500

D.505

E.510

Directions (255-259): What value should come in the place of (?) in the following questions?

255) $125 + 8^3 + ? = 18\%$ of $800 + (5610 \div 11)$

A.17

B.28

C.35

D.9

E. None of these

256) $\sqrt{441} * 4 + 45\%$ of $160 - 32 * 5 = ?$

A.-3

B.-7

C.-5

D.-4

E.-9

257) $(3/8)$ of $(2/3)$ of $72 + 12^3 - 12\%$ of $350 = ? + 120$

A.1584

B.1672

C.1456

D.1328

E. None of these

258) 16% of $750 + ?\%$ of $400 = 1140$

A.320

B.375

C.280

D.255

E. None of these

259) 62.5% of $2960 + \sqrt{1369}*18 - 21 * 12 = ? + 37.5\%$ of 4480

A.584

B.482

C.538

D.429

E.None of these

Directions (260-264): What approximate value should come in place of (?) in the following questions

260) 149.96% of $184.93 + 275.13\%$ of $6279.9 - 183 = ?$

A. 17480

B. 17420

C. 17360

D. 17250

E. 17300

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261)

$$\frac{12.99 \times x}{26.02} + 224.97\% \text{ of } 60.03 - 96.03 \div 8.01 = (7.03)^3$$

A. 480

B. 400

C. 500

D. 440

E. 550

262) 39.91 % of 290.011 + 35.012 * √255 – 59.904 % of 650.091 = ?

A. 286

B. 296

C. 276

D. 218

E. 264

263) [(143.85 ÷ 11.89) * 9.98] ÷ 6.04 + √575.92 = ?

A. 64

B. 52

C. 44

D. 40

E. 60

264) 71.95 x 67.92 + 36.94 x 32.97 = ?

A. 6197

B. 6117

C. 6217

D. 6157

E. 6317

Directions (265-270): What approximate value should come in the place of (?) in the following questions?

265) 25.08% of 3601.04 + 28.57% of 2451 + 44.44% of 540 =?

A. 1800

B. 1480

C. 1840

D. 1260

E. 1580

266) ? × 15.27 + (29.99)² – (16.19)² + 411.77 = (30.99)² + (11.88)³

A. 111

B. 109

C. 123

D. 131

E. 120

267) (54.14 × 35.21) + 125.27% of 960 – 22.5% of 161 =?

A. 3354

B. 3254

C. 3154

D. 3054

E. 3504

268) 28.99% of 2347 + (√7560) % of 4347 + 29.79 = (?)²

A. 69

B. 68

C. 64

D. 67

E. 66

269) 13.11% of 3999.91 + 9.81% of 119.78 =?

A. 410

B. 532

C. 618

D. 721

E. 819

Direction (270-275): What value should come in the place of (?) in the following number series?

270) 39, 86, 130, 171, 209, ?

A. 240

B. 242

C. 244

D. 248

E. 250

271) 8, 16, 44, 158, ?, 3936.5

A. 715

B. 710

C. 709

D. 720

E. 746

272) 21, 35, 51, 69, 89, ?

A. 99

B. 110

C. 111

D. 119

E. 124

273) 19, 235, 260, 324, 333, ?

A. 341

B. 345

C. 343

D. 347

E. 349

274) 23, 29, ?, 61, 91, 133

A. 35

B. 37

C. 39

D. 41

E. 43

Directions (275-279): What value should come in place of (?) in the following questions?

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275) 12, 14, 26, 56, 112, ?

A. 198

B. 202

C. 208

D. 214

E. 218

276) 344, 218, 128, 68, 32, ?

A. 12

B. 18

C. 14

D. 20

E. 16

277) 32, 48, 72, ?, 162, 243

A. 108

B. 54

C. 81

D. 128

E. 64

278) 1, 14, ?, 57, 89, 106

A. 48

B. 40

C. 49

D. 42

E. 44

279) 1, 1, 3, ?, 151, 1359

A. 19

B. 23

C. 17

D. 25

E. 27

Directions (280-284): Find the wrong term in the series given below.

280) 147, 291, 435, 579, 1028, 1029

A. 1029

B. 291

C. 579

D. 435

E. 1028

281) 42, 41, 78, 225, 878, 4395

A. 878

B. 4395

C. 41

D. 225

E. 78

282) 2119, 2404, 2699, 3028, 3367, 3724

A. 2404

B. 3367

C. 3028

D. 3724

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E.2699

283) 218, 347, 518, 710, 1010

A.347

B.518

C.710

D.1010

E.None of these

284) 20, 22, 47, 145, 585, 2920

A.2920

B.145

C.585

D.47

E.None of these

Directions (285-289): In each of these questions, one term in the given number series is wrong. Find out the wrong term.

285) 9, 26, 65, 127, 217, 342, 513

A.9

B.65

C.127

D.215

E.26

286) 10, 30, 68, 130, 220, 350, 520

A.30

B.10

C.68

D.350

E.220

287) 7, 14, 23, 36, 55, 94, 163

A.7

B.25

C.14

D.55

E.94

288) 512, 24, 343, 25, 216

A.24

B.343

C.25

D.216

E.512

289) 10, 24, 68, 100, 222

A.10

B.24

C.68

D.100

E.222

Direction (290-295): Following question contains two equations as I and II. You have to solve both

equations and determine the relationship between them and give an answer as,

290)

I) $x^2 - 13x - 114 = 0$

II) $y^2 + 19y + 78 = 0$

A. x> y

B. x ≥ y

C. x = y or relationship can't be determined.

D. x< y

E. x ≤ y

291)

I) $2x^2 - 9x + 10 = 0$

II) $y^2 - 7y + 12 = 0$

A. x> y

B. x ≥ y

C. x = y or relationship can't be determined.

D. x< y

E. x ≤ y

292)

I) $x^2 - 28x + 187 = 0$

II) $y^2 - 35y + 306 = 0$

A. x> y

B. x ≥ y

C. x = y or relationship can't be determined.

D. x< y

E. x ≤ y

293)

I) $x^2 + 11x + 30 = 0$

II) $y^2 - 7y - 44 = 0$

A. x> y

B. x ≥ y

C. x = y or relationship can't be determined.

D. x< y

E. x ≤ y

294)

I) $2x^2 - 13x + 18 = 0$

II) $y^2 - 13y + 42 = 0$

A. x> y

B. x ≥ y

C. x = y or relationship can't be determined.

D. x< y

E. x ≤ y

Directions (295-299): In each of the questions, two equations I and II are given. You have to solve both the equations and give answer

295)

I. $x^2 + x - 2 = 0$

II. $2y^2 - 15y + 25 = 0$

A. x> y

B. x< y

C. x ≥ y

D. x ≤ y

E. x = y or relationship between 'x' and 'y' cannot be established.

296)

I. $8x^2 - 22x - 21 = 0$

II. $y^2 + 14y - 51 = 0$

A. x> y

B. x< y

C. x ≥ y

D. x ≤ y

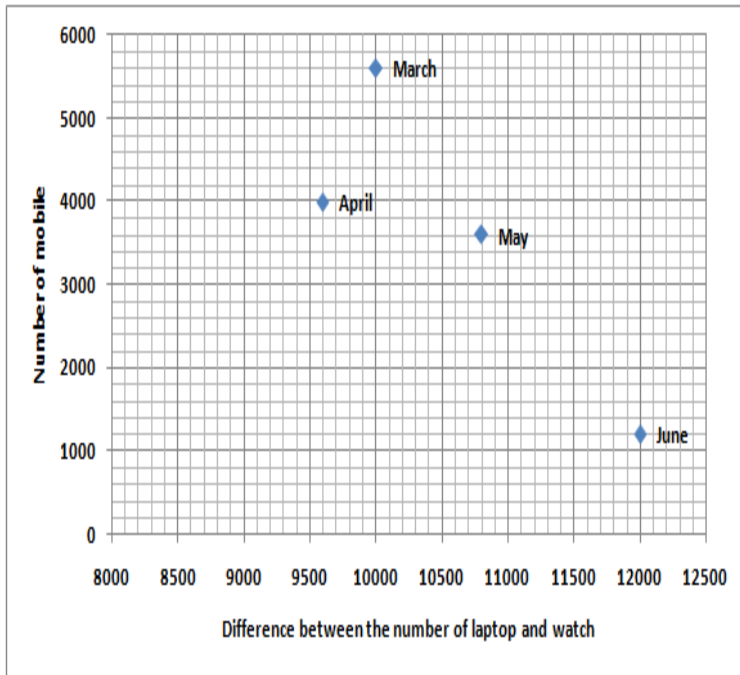E. x = y or relationship between 'x' and 'y' cannot be established.

297)

I. $x^2 + 8x + 16 = 0$

II. $3y^2 - 2\sqrt{(6y)} + 2 = 0$

A. x> y

B. x< y

C. x ≥ y

D. x ≤ y

E. x = y or relationship between 'x' and 'y' cannot be established.

298)

I. $x^2 + 8x + 15 = 0$

II. $y^2 + 12y + 35 = 0$

A. x> y

B. x< y

C. x ≥ y

D. x ≤ y

E. x = y or relationship between 'x' and 'y' cannot be established.

299)

I. $x^2 - 9x + 20 = 0$

II. $y^2 - 12y + 35 = 0$

A. x> y

B. x< y

C. x ≥ y

D. x ≤ y

E. x = y or relationship between 'x' and 'y' cannot be established.

Directions (300-305): Study the following information carefully and answer the questions given below.

The given scatter chart shows the number of mobile phones sold and the difference between the number of laptops and watches sold in four different months.

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The given table shows the fraction value of the number of watches sold out of the total number of products (Mobile + laptop + watch) in four different months.

Note: Number of laptops sold is less than the number of watches sold in all the months

Months	Number of watches sold out of total number of products
March	3/5
April	2/3
May	17/25
June	4/5

300) What is the ratio of the number of products sold in May to March?

A. 10:11

B. 13:12

C. 10:9

D. 14:13

E. None of these

301) The number of laptops sold in May is what percent of the number of watches sold in May?

A. 18.5%

B. 18%

C. 20.5%

D. 20%

E. 22.5%

302) The number of mobile phones sold in July is 1400 more than that of March and the ratio of the number of laptops and watches sold in July is 3:2. IF the total number of products sold in July is 32000, then what is the average number of laptops sold in June and July?

A. 8700

B. 8500

C. 8900

D. 9100

E. 8300

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303) Ratio of the number of Sony and Apple watches sold in May is 9:8 and 25% out of the total number of watches sold in June are Apple. Find the total number of Sony watches sold in June and May?

A. 15000
B. 18000
C. 20000
D. 16000
E. 17000

304) Total number of products sold in August is 150% more than that in April. The ratio of the number of watches and laptops sold in August is 8:7. If the number of mobile phones sold in August is 15000, then find the number of laptops sold in August?

A. 21000
B. 28000
C. 22000
D. 24000
E. 27000

Directions (305-309): Read the following information carefully and answer the questions based on it.

The data given below shows the total number of students studying in the top five National Law Universities In India – NLU – Bangalore (NLU – B), NLU – Kolkata (NLU – K), NLU – Gandhi Nagar (NLU – G), NLU – Lucknow (NLU – L), and NLU Patiala – (NLU – P).

Total number of students = Number of students from Science background + Number of students from Humanities background.

Ratio of the total number of students from Humanities background in NLU – K to total students from Humanities background in all given NLUs together is 30:92. Number of students with a Humanities background in NLU – K is 4000 less than the total number of students in NLU – P. Total number of students in all NLUs together is 92000 more than that of the total number of students from science backgrounds. Total number of students from Humanities background in NLU – G is 50% as that of NLU – B, which is 8000 more than Humanities background students in NLU – P. Number of students from Humanities background in NLU – L is 83.33% as that of NLU – G. Respective ratio of the total number of students in NLU – B to the number of students from a science background in NLU – B is 4:1 and the total number of students from a science background in NLU – K is 10000. Total number of students in NLU – G is 20% less than that of NLU – L, while the number of

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students from a science background in NLU – L is 8000 more than that in NLU – G.

305) Total number of students from a science background in NLU – L and NLU – G together is how much percentage more or less than the difference between the total number of students in NLU – K and NLU – L?

A. 220%

B. 160%

C. 120%

D. 180%

E. None of these

306) Sum of the total number of students and number of students from a science background in NLU – K and NLU – G together, is approximately how much percentage of the total number of students from humanities background in NLU – B, NLU – K, and NLU – P together?

A. 128%

B. 118%

C. 122%

D. 120%

E. 123%

307) Total number of students from a science background in NLU – K and NLU – L is

approximately how much percentage of the total number of students in these two NLUs together?

A. 52%

B. 47%

C. 54%

D. 56%

E. 43%

308) Find Average number of students in all NLUs together.

A. 31500

B. 32000

C. 33000

D. 36000

E. 34800

309) Total number of Students in NLU – K and NLU – P together is how much percentage of total students from a science background in these NLUs together?

A. 264%

B. 260%

C. 280%

D. 275%

E. 268%

Directions (310-314): The line graph given below shows the total number of defective toys

manufactured by the company, and percentage of type R defective toys manufactured out of total products manufactured by the company in five different days.
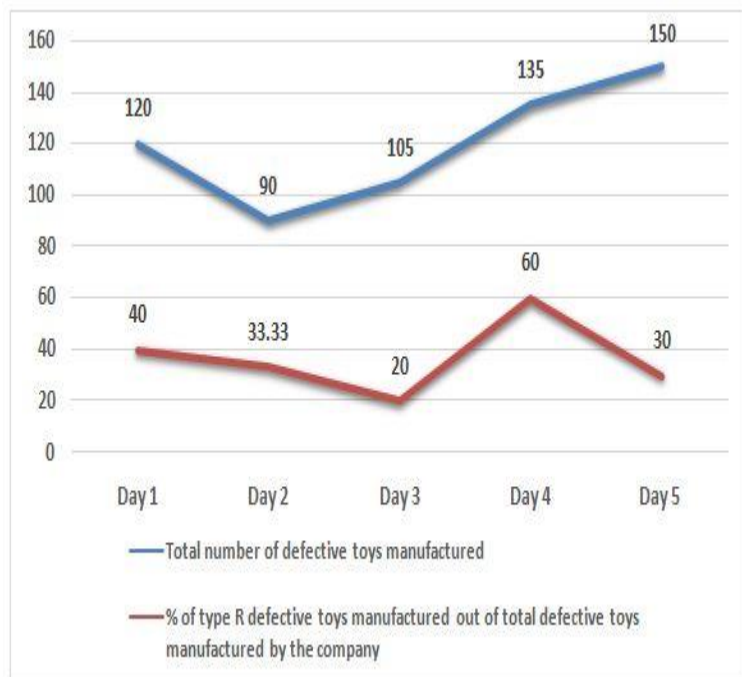
Note: A toy manufacturing company produces three different types of toys – P, Q, and R. Out of the total products manufactured by the company some are defective. The company sells each non-defective toy of type P, Q, and R at Rs. 1200, Rs. 750 and Rs. 900 respectively. Selling price of each defective of type P, Q, and R is less than each non–defective by 25%, 20% and 40% respectively. All defective toys manufactured by the company are sold.

310) If total revenue generated by the company on day 2 from defective toys is Rs. Rs. 61800, then find the number of Q-Type defective toys manufactured by the company.
A. 40
B. 32
C. 28
D. 20
E. None of these

311) If the ratio of revenue generated from defective toys on Day 3 and Day 1 is 637:606 respectively. The number of type P defective toys sold by the company on Day 3 is 37 more than that of on Day 1, then find the number of type Q defective toys sold by the company on Day 3 is how much percentage more or less than the number of type P defective toys sold by company on Day 1?
A.91.66% more
B.193.33% Less
C.191.66% Less
D.191.66% More
E.None of these

312) If the total number of type Q defective toys sold by the company is 75 less than that of R Type defective toys, then find the total revenue

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generated by the company from type Q defective toys.

A. Rs. 84375

B. Rs. 90000

C. Rs. 67500

D. Rs. 81000

E. None of these

313) On Day 4, if all type Q defective toys are sold at cost of all type Q non–defective toys, then the revenue generated from type Q toys is increased by Rs. 3900 as compared to when type Q non – defective toys sold at its actual cost. Find the difference between the numbers of type P defective toys and type Q defective toys sold by the company.

A.2

B.6

C.3

D.8

E.None of these

314) If the total revenue generated by the company on day 4 and day 5 together is Rs. 184140, then find the total number of type P defective products sold by the company on Day 4 and Day 5 together is how much percentage more or less than that of type Q?

A.13.33% more

B.26.33% less

C.23.33% less

D.23.66% more

E.None of these

315) The sum of the speed of the boat in still water and the speed of the current is 30 kmph. The boat covers 360 km against stream in z hours and the same boat covers 600 km along with stream in z hours. What is the distance covered by the boat in still water in 5 hours?

A.120 km

B.150 km

C.180 km

D.210 km

E.240 km

316) A vessel contains a mixture of milk and water of 720 ml, in a ratio of 5:4 respectively. If K ml of water is added then the ratio of milk and water is reversed. Further 166.66% of K ml milk is added and then (K + 60) ml of mixture is removed, then find the ratio of water and milk in the mixture respectively.

A.7:5

B.4:5

C.5:7

D.3:2

E.None of these

317) Pipe A and B fill the tank and pipe C empty the tank. Pipe A alone fill the tank in 45 hours and efficiency of pipe B is 25% less than pipe A and pipe C can empty the tank in 75 hours. If all the three pipes were opened simultaneously, then after how much time pipe C is closed in order to the tank fill completely in 36 hours?

A.20 hours

B.30 hours

C.40 hours

D.25 hours

E.45 hours

318) P is twice as efficient as Q, and Q is 20% less efficient than R. Time taken by P and R together to complete the work is 48 days, then find the time taken by Q and R together to complete another work which is 1.5 times of the former?

A.104 days

B.98 days

C.114 days

D.118 days

E.None of these

319) A sequence P, contains six consecutive even numbers whose average of lowest and highest term is 83. There is another sequence Q, containing 5 consecutive odd numbers whose lowest term is 40 less than the 50% of sum of second lowest and third lowest number of sequence P. Find $(2T_1 + 3T_3 - T_5)$, where T_n is the nth term of sequence Q?

A.188

B.178

C.158

D.168

E.None of these

320) A car started from Madurai to Kovai at the speed of $(x + 20)$ kmph and reached Kovai in $(t - 3)$ hours. If the same car started from Madurai to Kovai at the speed of $(x - 20)$ kmph and reached Kovai in $(t + 4.5)$ hours, then find the distance between Madurai and Kovai.

A.240 km

B.360 km

C.150 km

D.180 km

E.Cannot be determined

321) P, Q and R entered into a partnership, where P and Q invested in a ratio of 6:5. After 6 months P

increases his capital by 33.33% while Q increases by 20%.At the end of 1.5 months, the ratio of profit share of P, Q and R is 22:20:17. Find the initial investment of Q is how much % more than that of R.

A.60%

B.45%

C.37.5%

D.40%

E.None of these

322) If the ratio of the marked to cost price of the mobile is 6:5 and the shopkeeper offers a discount of 8% on the marked price of the mobile. If the difference between the selling and marked price of the mobile is Rs.2400, then find the profit earned by the shopkeeper.

A.Rs.2400

B.Rs.2500

C.Rs.2600

D.Rs.2800

E.None of these

323) If we subtract 16 years from the present age of Aman, then his age becomes equal to the age of Arman's 2 years ago. Aman's age 10 years ago is the same as the age of Anshul 2 years ago. Anshika is 4 years older than Anshul. Find the difference between the ages of Anshika and Arman?

A.4 years

B.12 years

C.10 years

D.8 years

E.None of these

324) Arun had a total of Rs. 48000 with him initially. He invested a part of his amount at 24% simple interest per annum for 5 years and the remaining at 20% compound interest for 3 years. Find what fraction of the total amount he invested in simple interest, if the total interest earned by Arun is Rs. 44384.

A.7/12

B.5/12

C.2/3

D.3/4

E.None of these

Direction (325-328): What should come in place of (?) in the following given expression?

325) $\sqrt{1296}$% of 450 ÷ 9 + (18 x 24) = (?)^2 x 3 – 1002

A.32

B.22

C.28

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D.24

E.None of these

326) 24% of 560 + 54% of 690 –(456 ÷ 8) = (?)% of 720

A.62.5

B.50

C.87.5

D.37.5

E.None of these

327) (60% of 75% of 40% of 1200) x 4 + 136 = (?)³

A.12

B.8

C.9

D.10

E.None of these

Direction (328-329): What value should come in the place of (?) in the following questions.

328) (540 ÷ 9) – √9216 + 98 = ?

A.58

B.54

C.62

D.66

E.70

329) (3/4) of 132 + (6/7) of 140 = ?

A.210

B.214

C.212

D.216

E.219

Direction (330-335): What approximate value should come in the place of (?) in the following questions.

330) 571.998 ÷ 10.999 ÷ 25.898 * 10.015 =?

A.8

B.12

C.20

D.25

E.30

331) 74.92 % of 259.98 + √2205 * √79 + ? = 22.22 * √960

A.64

B.68

C.72

D.76

E.82

332) 28.05 * 21.908 + 15.98 * 13.912 = ? * √1223

A.18

B.24

C.28

D.31

E.36

333) 139.89 % of 179.91 = ? + 231.92 − 4.91 * 8.99

A.85

B.75

C.65

D.95

E.55

334) (2856.06 ÷ 101.891) * 14.91 = ? + 219.891

A.250

B.180

C.170

D.190

E.200

Direction (335-337): Study the following information carefully and answer the questions.

335) Two series are given as follows.

Series 1 : 16   25   51   116   240   457

Series 2 : a   b   75 (C)   d   e   f

Both the series follow similar patterns, then what will be the value of CE – AD?

A.14500

B.15000

C.14200

D.16000

E.None of these

336) Two series are given as follows.

Series 1 : 18   40   129   532   2685   16146

Series 2 : 37   N   O   P   Q   R

Both the series follow similar patterns, then what will be the value of O²?

A.48841

B.53361

C.58081

D.59049

E.None of these

Direction (337-340): In the following number series one of the numbers is wrong. Find out the wrong one, put it in the place of (A) and form a new series based on the same pattern.

337) What should come in the place of E

1450   1443   1417   1355   1230   1015

A   B   C   D   E

A.1135

B.1156

C.1178

D.1190

E.None of these

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338) What is the approximate value of (E / A)?

1195   4779   19116   76459   305835

A   B   C   D   E

A.264

B.256

C.270

D.286

E.210

339) What is the value of B*A?

71   70   207   1031   7203   64818

A   B   C   D   E

A.1691300

B.1725200

C.1875200

D.1754500

E.None of these

Directions (340-345): There are two wrong number series given in each question and three relationships have been derived from that you have to answer the correct relationship between the two wrong numbers.

340)

I) 4, 10, 22, 40, 72, 114

II) 2, 9, 35, 100, 222, 437

i). The difference between both wrong numbers is 60.

ii). The Sum of both wrong numbers is 50.

iii). Both wrong numbers are divisible by 3.

A.Only i)

B.Both i) and ii)

C.Both i) and iii)

D.All the three

E.None

341)

I) 16, 8, 12, 30, 110, 472.5

II) 20, 10, 10, 15, 32, 75

i). HCF of both wrong numbers is 5

ii). LCM of both wrong numbers is 260

iii). The difference of both wrong numbers is 78

A.Only iii)

B.Both i) and ii)

C.Both i) and iii)

D.All the three

E.None

342)

I) 6400, 3200, 2000, 800, 400, 200

II) 3200, 800, 1600, 500, 800, 200, 400

i) Product of both wrong numbers is 10000000

ii) Difference of both wrong numbers is 1500

iii) Both wrong numbers are divisible by 4

A.Only iii)

B.Both i) and ii)

C.Both ii) and iii)

D.All the three

E.None

343)

I) 1000, 500, 200, 60, 12, 8

II) 1, 4, 30, 16, 125, 36

i) Both numbers are divisible by 2

ii) sum of both wrong number series is 56

iii) difference of both wrong number series is 22

A.Only iii)

B.Both i) and ii)

C.Both i) and iii)

D.All the three

E.None

344)

I) 672, 674, 680, 682, 689, 700

II) 420, 426, 450, 462, 510, 606

i) If a large wrong number is divided by a small number, then the remainder is 7

ii) Difference of both wrong numbers is 230

iii) Sum of both wrong numbers is 1280

A.Only ii)

B.Both i) and ii)

C.Both i) and iii)

D.All the three

E.None

Direction (345-347): In each of the following questions, two equations are given. You have to solve both the equations to find the relation between x and y.

345)

I) $x^2 - 33x + 270 = 0$

II) $y^2 - 43y + 450 = 0$

A.If x < y

B.If x > y

C.If x ≤ y

D.If x ≥ y

E.If relationship between x and y cannot be determined

346)

I) $x^2 + 31x + 228 = 0$

II) $y^2 + 3y - 108 = 0$

A.x > y

B.x ≥ y

C.x = y or relationship can't be determined.

D.x < y

E.x ≤ y

347)

I) $x^2 - 33x + 242 = 0$

II) $y^2 - 4y - 77 = 0$

A.If x < y

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B.If x > y

C.If x ≤ y

D.If x ≥ y

E.If relationship between x and y cannot be determined

Directions (348-349): Following question contains two equations as I and II. You have to solve both equations and determine the relationship between them and give an answer as,

348)

I) $x^2 + 25x + 126 = 0$

II) $y^2 - 18y - 144 = 0$

A.x > y

B.x ≥ y

C.x = y or relationship can't be determined.

D.x < y

E.x ≤ y

349)

I) $x^2 + 17x + 72 = 0$

II) $y^2 + 20y + 99 = 0$

A.x > y

B.x ≥ y

C.x = y or relationship can't be determined.

D.x < y

E.x ≤ y

Direction (350-358): A passage is given below followed by questions. Read the instructions carefully and answer the questions that follow.

Three days into the second phase of the vaccination drive, there appears to be palpable enthusiasm among senior citizens, the focus of the exercise. About 8.4 lakh beneficiaries above 60 have been vaccinated so far as have 1.04 lakh over 45 with co-morbidities. By comparison, when the first phase began on January 16 for health-care workers — data as on January 18 showed that 3.8 lakh beneficiaries were inoculated. Thus, the uptake in the initial days of the second phase seems marginally better. The early days of vaccinations are outliers to the average experience. Well-publicized shots of the Prime Minister, Chief Ministers, Health Ministers and other prominent public Ministers are not always indicative of the overall public confidence in the vaccines. Similarly, reports of technical glitches in registration and the inability to register do not reflect the fact that these aspects tend to smoothen out over time and people figure out what is optimal for them. The figures from the Health Ministry suggest that so far about 12.5 million health-care and frontline workers have been vaccinated with a single shot, still quite a distance from the 30 million target announced by the government earlier this

year. About a third of the health-care workers have turned up for the second shot (prescribed to be administered within four to six weeks of the first); however, of the 57.62 lakh frontline workers inoculated since February 2 (when the drive commenced for them) only 3,277 have turned up for their second dose (the slots for which opened earlier this week). Unless these numbers pick in the next few days, vaccination **hesitancy** will need to be addressed as a serious problem.

Doctors and nurses, who _____health-care workers, are medically sophisticated,. They are familiar with the mechanics of dosages, immunity, and are not representative of the vast majority of India where there is confusion, misinformation and inadequate knowledge about vaccination. In these respects, the frontline workers are more similar to the 250 million-plus seniors and those above 45 than health-care workers. Therefore, the Centre must work magnitudes harder to ensure that the benefits of vaccination are communicated more broadly in the country. The other challenge is that senior citizens must mediate a technological tool — the CoWIN website — to access vaccines. The state has, thoughtfully, enabled provisions whereby medical personnel will actively reach out to groups of elderly. It is also important that the early

enthusiasm must be sustained enough for people to turn up for both shots. Emerging evidence suggests that it is the second shot that plays a more important role in long-lasting protection. This month is already seeing a national uptick in fresh infections with the chances of a possible second wave on the horizon. A successful vaccination drive is critical to being prepared for it.

350) What can be the suitable title of the given passage?

A.Failure in the Vaccine Trials.

B.The Death caused by COVID 19.

C.Co Win site and its benefits.

D.Sustaining the drive: On COVID-19 vaccination phase 2.

E.Contribution of healthcare workers.

351) What does the phrase 'on the horizon' actually convey with reference to the given passage?

A.Causing uproar

B.Forming a group

C.Becoming imminent

D.Leading to death

E.Crossing the limits

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352) Which of the following words is the near antonym of the word 'hesitancy' as used in the given passage?

A.Detectable

B.Moribund

C.Thrifty

D.Laudable

E.Certainty

353) Which of the following words can fit in the blank given in the passage?

A.take

B.contain

C.comprise

D.commemorate

E.grandeur

354) Which of the following statements is/are true in the context of the given passage?

I. The first phase of vaccination began on January 16 for health-care workers

II. About 8.14 lakh beneficiaries above 60 have been vaccinated so far as have 1.04 lakh over 45 with co-morbidities.

III. About a third of the health-care workers have turned up for the second shot.

A.Only III

B.Only II

C.Both I and II

D.Both I and III

E.None of them

355) Which of the following statement(s) is/are not true as per the given passage?

I. Data as on January 18 showed that 7.8 lakh beneficiaries were inoculated.

II. The young citizens must mediate a technological tool — the CoWIN website — to access vaccines.

III. The health-care workers are not medically sophisticated

A.Only II

B.Only III

C.Both I and II

D.Both I and III

E.None of them

356) What has been said by the author regarding 'vast majority of India' in the given passage?

A.They are completely co-operative when it comes to vaccine trials

B.They are against this vaccination drive

C.They are very supportive when it comes to vaccination of their family members

D.There is confusion, misinformation and inadequate knowledge about vaccination among them

E.Nothing has been mentioned by the author

357) Which of the following words is the near synonym of the word 'palpable' as used in the given passage?

A.hindrance
B.undeniable
C.culpable
D.illegible
E.unscrupulous

Direction (358-365): Read the following passage carefully and answer the questions given. Certain words/phrases have been given in bold to help you locate them while answering some of the questions.

At first glance, the government seems to have done a U-turn on imposing a mandatory 2% expenditure from company profits on corporate social responsibility. The Companies Bill **reported won't have been this provision.** Look closer, and it's a case of "mandating without mandating" as an industry voice describes it. The reworked proposal, it's said, asks firms to have a formal CSR policy targeting a 2% spending, and to furnish details of funds going to social causes in annual reports. In other words, while keeping up a technical pretense of not legally arm-twisting India Inc., the Centre seeks to exert heavy moral pressure by stipulating disclosures if not actual expenditure. To quote the corporate affairs minister, CSR spending won't be 'voluntary' or 'mandatory' but "somewhere in between"! Why this grey area, unless the government wants **leeway** to play guilt-inducing big brother?

Social spending should be self-willed, not least because Indian firms have a good record already. To boost private participation in social service further, the government should offer incentives such as "CSR credits" or tax benefits. At the same time, the legal system can rap firms that violate, say, green norms or cause other forms of public damage. As the finance minister conceded only recently, corporate social conscience can't be **parachute-dropped** by politicians or law-courts. Companies themselves know that CSR makes good sense, winning hearts and building brands. But for CSR to not be merely decorative or purely **manipulative** in the sense of deflecting attention from bad practices, companies' main focus must be on core operations. What counts first is corporate performance driven by efficiency, ethics and good governance. (That's how business keeps **economic** with shareholders, **customers**, quality products and services to **delivers** creates

jobs and spurs faith growth. And that's also how it best benefits society.

358) Business can keep helping the society by:-

A.winning hearts by investing more in social activities

B.improving their performance, efficiency which results in economic growth

C.building brands and competing images

D.spending larger share of profits on CSR

E.None of these

359) Which of the following best explains the meaning of the phrase "mandating without mandating"?

A.motivating without making it compulsory

B.mandating and then taking a U turn

C.a complete self-willed exercise

D.mandating by incentivizing

E.None of these

360) According to the author, CSR spending should be-

A.2% of Company's profits

B.targeted upto 2% of Company's profits

C.2% of Company's turnover

D.somewhere in between 1 to 2% of Company's profits

E.completely voluntary

361) Which of the following would increase private participation in social service?

A.Imposing a mandatory expenditure on such activities

B.Not imposing a mandatory expenditure on such activities

C.Offering tax concessions on expenditure on such activities

D.Advising them not to bother about CSR

E.Trying to artificially build corporate social conscience

362) Choose the word which is most similar to the word "Manipulative".

A.Absurd

B.Hybrid

C.Cunning

D.Honest

E.Detrimental

363) Choose the word which is opposite to the word "leeway".

A.Attrition

B.Convergence

C.Paradigm

D.Clinch

E.Strive

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364) The given sentence may or may not correct. Choose the suitable option to make it grammatically correct.

The Companies bill **reported won't have been this provision**

A. reported won't has this provision

B. reportedly won't has been this provision

C. reporting won't had this provisions

D. reportedly won't have this provision

E. None is correct

365) In this question some words may or may not be in their correct position. Find the correct combination of words that replaces each other.

(That's how business keeps **economic (1)** with shareholders, **customers (2)** quality products and services to **delivers (3)** creates jobs and spurs **faith (4)** growth).

A. Only (1-3)

B. Both (1-4) and (2-3)

C. Both (1-3) and (2-4)

D. Only (2-4)

E. No correction required

Direction (366-373): Read the following passage carefully and answer the following questions. Some words have been highlighted and there is a blank in one of the sentences to help you locate the same while answering:

The hospitality industry is a broad category of fields within the service industry that includes lodging, event planning, theme parks, transportation, cruise line, and additional fields within the tourism industry. In looking at various industries, "barriers to entry" by newcomers and competitive advantages between current players are very important. Among other things, hospitality industry players are very important. Among other things, the hospitality industry finds advantage in old classics (location), initial and outgoing investment support (reflected in the material upkeep of facilities and the luxuries located therein), and particular themes adopted by the marketing arm of the organization in the question (for example at theme restaurants). Also very important the characteristics of the personnel working in direct contact with the customers. The authenticity, professionalism, and actual concern for the happiness and well-being of the customers that is communicated by successful organizations are a clear competitive advantage. Total contribution by the travel and tourism sector to India's GDP is expected to increase from US $136.3 billion in 2015 to US $275.2 billion in 2025. India ranked third among 184 countries. Travel &

Tourism is the third largest foreign exchange earner for India. A sum of US$ 19.884 billion was earned under foreign exchange through tourism during January-September 2017. The sector _____ 9.3 percent of total employment generated in the country in 2016 and the employment in the sector is expected to rise to 46.42 million by 2026. *During January-September 7.1 million foreign tourists has arrived in India. (A)/ The launch of several branding and marketing initiatives by the (B)/ Government of India such as 'Incredible India' and 'AtithiDevoBhava' (C)/ has providing a focused* **impetus** *to growth. (D).* The Indian Government has also released a fresh category of visa – the medical visa or M visa, to encourage medical tourism in the country. Incredible India 2.0 campaign was launched in September 2017. In the hotel and tourism sector, 100 percent FDI is allowed through the automatic route. A five-year tax holiday has been offered for 2, 3 and 4 star category hotels located around UNESCO World Heritage sites (except Delhi and Mumbai). The investment in the tourism sector is expected to be US$12.4 billion in the 12th five Year Plan; of these, private investments are likely to total US$ 9.2 billion. Total FDI received by Indian tourism & hospitality sector was US$ 10.48 million up to Q 1 FY18.

366) Which of the following can be inferred from the passage?

A.The hospitality industry needs a good boost to become a substantial part of the economy.

B.The hospitality industry needs to create more jobs in order to become a part of the main scenario.

C.The backbone of the hospitality industry is infrastructure development.

D.The hospitality industry needs to focus on more restricted offers rather than providing a variety of choices.

E.The hospitality industry can be developed tremendously keeping in mind the middle class section of our country.

367) Which of the following dominates the list of competitive advantages in the hospitality industry?

A.The location and the plan of a project

B.The more number of foreigners visiting our country

C.The gain achieved through minimum investments

D.The ultimate satisfaction of the customers

E.Extreme professionalism and actuality of data

368) Which of the following can be concluded from the passage?

A.The number of jobs in this sector is increasing but will be stagnant soon.

B.The industry will grow even more and so will the employment opportunities.

C.The industry requires certain skills for people to stay employed here.

D.The focus of the government should be promoting tourism followed by the promotion of domestic industries.

E.The industry can grow only if the government can increase the foreign investments.

369) Which of the following can be a possible reason for attracting foreigners to India?

A.Proper advertising initiatives taken by the Government

B.Foreign direct investments made in a related way

C.Less taxes levied on the industry

D.Tourism industry being one of the major contributors to the economy

E.Particular themes added to places

370) Which of the following can be inferred from the steps taken by the Government of India?

A.The Government is trying to boost the domestic industry by restricting the foreign ones.

B.The Government is busy in advertising on a large scale to boost the tourism industry in India.

C.The Government focuses more on foreign tours and attracting foreigners than on domestic needs.

D.The Government has been engaged in making impractical plans and the policies have been obsolete now.

E.The Government is trying its best to boost the hospitality industry in every possible way.

371) What is the synonym for the given word "impetus"?

A.Strove

B.Eviction

C.Momentum

D.Grave

E.None of these

372) Which phrasal verb will fill the given blank?

The sector _____ 9.3 percent of total employment generated in the country in 2016 and the employment in the sector is expected to rise to 46.42 million by 2026.

A.accounted for

B.found out

C.look over

D.make up

E.None of these

373) The following sentence contains errors in two parts. You have to identify the erroneous parts and if there is no error in the sentence mark 'no error' as your answer.

During January-September 7.1 million foreign tourists has arrived in India. **(A)**/ The launch of several branding and marketing initiatives by the **(B)**/ Government of India such as 'Incredible India' and 'AtithiDevoBhava' **(C)**/ has providing a focused **impetus** to growth. **(D)**

A.BC

B.BD

C.AD

D.AB

E.No error

Direction (374-379): In the following passage, some of the words have been highlighted in bold. First read the passage and try to understand what it is about. Then replace the highlighted words with the correct option in order to make grammatical and contextual sense. In case the highlighted word is correct as it is, mark 'No Improvement' as the right answer.

Transport has **contributed** to the spread of coronavirus locally, regionally and internationally. **Despite** various **apparitions** for passenger screening, **quarantine** after travel and border control, infected people have still managed to travel **(A)**. We now know that quite a large **realm (B)** of people who are infected show no symptoms of COVID-19 and that people are infectious before show symptoms. Furthermore, there is very little good scientific **evidence (C)** on the transmission of infectious disease on public transport vehicles. This is because for **Linking/ Connecting / Calibrate (D)** a transmission event for a specific journey is notoriously difficult; one has to consider many factors that are at play. Scientists around the world are trying to _____ **(E)** _____ the complex interactions between people and the environment that might lead to transmission. Since the start of the pandemic, a few studies have ____ **(F)** _____ that transmission may have occurred, or could occur, on various public-transport vehicles. Yet these studies have not shown that transmission has actually taken place on the vehicle.

Transport has **contributed** to the spread of coronavirus locally, regionally and internationally. **Despite** various **apparitions** for passenger screening, **quarantine** after travel and border control, infected people have still managed to travel **(A)**.

374) In the above sentence four words are highlighted in bold. You have to choose the one inappropriate word in the given option from them.

a. contributed

b. despite

c. apparitions

d. quarantine

A.Only a

B.Only b

C.Only c

D.Only d

E.All are correct.

375) The word highlighted in B is inappropriate. Choose the correct set of words from the following options

A.Number-Mindset

B.Percentage-Proportion

C.Belief-Disagreement

D.Department -Segment

E.Recourse-Menace

376) Which synonymous word will come along with the word evidence highlighted in (C)?

a) Research

b) Information

c) Data

d) Equilibrium

A.Only a, b, d

B.Only b, c, d

C.Only a, b, c

D.Only a, c, d

E.All of the above

377) Which pair of words are appropriate highlighted in (D)?

a. Presuppose

b. connecting

c. linking

A.Only a and b

B.Only b and c

C.Only a and d

D.Only c and d

E.None of the above

378) Which word or pair of words will come in blank E?

a) Rogue

b) Merge

c) Unpick

d) Analyse

A.Only a and b

B.Only b and c

C.Only a and d

D.Only c and d

E.None of the above

379) Which word or pair of words will come in blank F?

a) Shown

b) Suggested

c) Adopted

d) Demonstrated

A.Only a and b

B.Only b and c

C.Only a and d

D.Only c and d

E.None of the above

Direction (380-385): In the passage given below some of the sentences are given with blanks. You have to identify appropriate words from the options which give complete meaning to the sentences and the paragraph as a whole.

India's GST regime could not have hoped for a better start to its fifth year. Revenues from the tax hit an all-time high of Rs.1, 41,384 crore in April, _____ (a) _____the previous month's record of about Rs. 1.24 lakh crore. After a _____ (b) _____period for the economy following last year's national lockdown, GST revenues hit Rs. 1.05 lakh crore in October and have shown a steady uptick since then, in _____(c) _____with hopes of a sustained recovery. April's numbers, which are essentially driven by the transactions in March, were _____ (d) _____by heightened economic activity, no doubt. The spectre of rising COVID19 cases and the fear of an_____ (e) _____lockdown could also have driven people to make advance purchases in anticipation. Moreover, firms in the process of closing annual accounts may have remitted higher GST based on audit advice, while a gradual tightening of the compliance regime, and proactive co-ordinated probes against taxpayers using fake bills to evade liabilities, have played no small part. In April 2020, GST collections had dipped to a mere Rs. 32,172 crore after all activity ground to a halt at four hours' notice in late March. Economic activity may not yet be as badly affected amidst the pandemic's second wave. So far, going by the restrictions imposed in several States, supply chain disruptions are not expected to be as challenging. However, weakening demand will trigger a _____ (f) _____of production and investment plans, some of which has begun to kick in.

380) Which of the following words will be suitable for the blank (a)?

A.Conventional

B.Laggard

C.Gearing

D.Surpassing

E.None of the above

381) Which of the following words will be suitable for the blank (b)?

A.Rapturous

B.Blithesome

C.Disastrous

D.Rendered

E.None of the above

382) Which of the following words will be suitable for the blank (c)?

A.solely

B.tandem

C.supreme

D.tarnish

E.None of the above

383) Which of the following words will be suitable for the blank (d)?

A.Bolstered

B.Obstructed

C.Stifle

D.Enervated

E.None of the above

384) Which of the following words will be suitable for the blank (e)?

A.preceding

B.receding

C.releasing

D.impending

E.None of the above

385) Which of the following words will be suitable for the blank (f)?

A.Aggression

B.Repression

C.Recalibration

D.Indolent

E.None of the above

Direction (386-391): In the passage given below some of the sentences have been given with blanks. You have to identify appropriate words from the respective options which give complete meaning to the sentence.

The Indian Premier League's suspension effective from Tuesday was an_____ (a) _____full stop considering India's continuing trauma with COVID-19 and the breach of the tournament's much vaunted bio bubble. Until the emergence of the COVID positive results of Kolkata Knight Riders' Sandeep Warrier and Varun Chakravarthy; Sunrisers Hyderabad's Wriddhiman Saha; Delhi Capitals' Amit Mishra, Chennai Super Kings'

bowling coach L. Balaji and a member of the squad's logistics staff, the Board of Control for Cricket in India (BCCI) was in _____(b)_____mode, firmly believing that its bio bubble protocols cannot be _____(c)_____BCCI officials also insisted that the league is not a super spreader like election rallies or other permitted activities where crowds were allowed to assemble. That both fans and the media were kept away from the venues was _____ (d) _____as an example of how strict the IPL management was with regard to social distancing. Besides this, the constant testing of everyone in the bubble was seen as another fail safe method to ensure that the league did not turn into a coronavirus hotspot. But before the final____ (e) _____, what jarred was the tone deafness of having matches in Delhi while beyond the ground, the accompanying note was that of ambulances _____ (f) _____ their sirens while patients gasped for oxygen. Even if the league has its share of a massive television audience and offers a diversion to the viewers, having Delhi as a host was extremely insensitive

386) Which of the following words will be suitable for the blank (a)?

A. Inevitable

B. Avertible

C. Dodgeable

D. Assuage

E. None of the above

387) Which of the following words will be suitable for the blank (b)?

A.Confession

B.Denial

C.Revelation

D.Shun

E.None of the above

388) Which of the following words will be suitable for the blank (c)?

A.Minded

B.Followed

C.Breached

D.Astounded

E.None of the above

389) Which of the following words will be suitable for the blank (d)?

A.Devised

B.Contrived

C.Improvised

D.Cited

E.None of the above

390) Which of the following words will be suitable for the blank (e)?

A. Denouement

B. Prologue

C. Exordium

D. Unleash

E. None of the above

391) Which of the following words will be suitable for the blank (f)?

A. Relaxing

B. Blaring

C. Subdued

D. Hushful

E. None of the above

Direction (392-396): Rearrange the following sentences into a coherent paragraph and answer the following questions given below.

A) The disease is lethal for those with compromised immunity brought on by age, existing respiratory infections, or essentially, malnutrition.

B) Its data shows that 75.3% of deaths have been concentrated in the age group of 60 years and above, and in 83% of deaths, the deceased were battling pre-existing identified health conditions.

C) Evidently, we have reason to fear the novel coronavirus for which we have no established cure.

D) However, there is even more reason to fear a combination of COVID-19 with existing illnesses and medical complications.

E) In a recent press briefing, the Ministry of Health and Family Welfare reported noticeable trends with respect to COVID-19 cases in India.

F) In technical medical terms, this is a situation of comorbidity, which in ways makes it difficult to differentiate between dying of COVID-19, or, dying with COVID-19.

392) Which of the following would be the LAST sentence after rearrangement?

A. A

B. B

C. F

D. E

E. C

393) Which of the following would be the SECOND sentence after rearrangement?

A. A

B. B

C. D

D. E

E. C

394) Which of the following would be the THIRD sentence after rearrangement?

A. A

B. B

C. D

D. E

E. C

395) Which of the following would be the **FOURTH** sentence after rearrangement?

A. A

B. B

C. D

D. E

E. C

396) Which of the following would be the **FIFTH**sentence after rearrangement?

A. A

B. B

C. D

D. E

E. C

Direction (397-401): Five sentences (complete or incomplete) are given below in wrong order. Rearrange them to form a meaningful paragraph.

A) Though the meeting ended with a joint statement and a five-point action agenda for peace, China is intent on

B) The meeting between the foreign ministers of India and China made it clear that the situation along the Line of Actual Control (LoAC) and beyond is unlikely to defuse quickly or easily.

C) Notably, the joint statement leaves actual disengagement not to any political imperative but to the troops on the border and their continued dialogue.

D) blaming India for the stand-off while India has stressed the necessity of restoring the pre-April 2020 status along the LoAC.

E) The meeting at the political level should serve, it is to be hoped, at least to prevent further escalation of the stand-off into active hostilities.

397) Which of the following will be the first sentence after rearrangement?

A. A

B. B

C. C

D. D

E. E

398) Which of the following will be the last sentence after rearrangement?

A. D

B. C

C. A

D. B

E.E

399) Which of the following will be the fourth sentence after rearrangement?

A.E

B.C

C.A

D.D

E.B

400) Which of the following will come third in the sequence after rearrangement?

A.A

B.B

C.C

D.D

E.E

401) Which of the following will come second in the sequence after rearrangement?

A.A

B.B

C.D

D.E

E.C

Direction (402-404): In each question below, four words printed in bold type are given. These are numbered (A), (B), (C) and (D). One of these words printed in bold might either be wrongly spelt or inappropriate in the context of the sentence. Find out the word that is inappropriate or wrongly spelt, if any. The number of the word is your answer. If the words printed in bold are correctly spelt and appropriate in the context of the sentence then mark (E), i.e. 'All Correct', as your answer.

402) Robert Provine, a nueroscientist(A)/ from the University of Maryland, found that we're thirty (B)/ times more likely to laugh at something (C)/ when we are talking to our friends, even if what they're saying isn't really funny (D).

A.nueroscientist

B.thirty

C.something

D.funny

E.All correct

403) Goethe, who lived and died by the invisibility (A)/ of art and life, insisted (B)/ that we ought to treat the works of others, however imperfect, (C)/ the way we treat their actions — with a loving sympathy (D).

A.invisibility

B.insisted

C.imperfect

D.sympathy

E.All correct

404) One of the great cruelties (A)/ and great glories of creative (B)/ work is the wild discrepency (C)/ of timelines between vision and execution (D).

A.cruelties

B.creative

C.discrepency

D.execution

E.All correct

Direction (405-407): In each of these questions, a sentence with four words printed in bold type is given. These are numbered as A, B, C and D. One of these four words printed in bold may be either wrongly spelt or inappropriate in context of the sentence. Find out the word which is wrongly spelt or inappropriate if any. The number of that word is your answer. If all the words printed in bold are correctly speltand also appropriate in the context of the sentence, mark (5) "All are correct" as your answer.

405) Many getting (A) the right taste but the lackluster (B) texture can make the platter (C)unappetizing (D) for people.

A.Getting

B.Lacklusture

C.Platter

D.Unappetizing

E.All are correct

406) In a relief to borrowers (A) at the onset(B) of the festive season, the government on late Friday night announced waiver (C) of interest on interest for loans up to Rs.2 crore irrespective of whether moratarium (D) was availed or not.

A.Borrowers

B.Onset

C.Wavier

D.Moratarium

E.All are correct

407) Google has inducted (A) a new feature in Chrome 86 that will display quite notification (B) in both Desktop and Mobile UI, when abusive (C) notification content is detected(D).

A.Inducted

B.Notification

C.Abusive

D.Detected

E.All are correct

Direction (408-410): In each question below, four words printed in bold type are given. These are

numbered (A), (B), (C) and (D). One of these words printed in bold might either be wrongly spelt or inappropriate in the context of the sentence. Find out the word that is inappropriate or wrongly spelt, if any. The number of the word is your answer. If the words printed in bold are correctly spelt and appropriate in the context of the sentence then mark (E), i.e. 'All Correct', as your answer.

408) There are fresh reasons for the States to be anxious (A) about the Commission's revenue (B) sharing recommendation (C), not in the least because of their recent stand-off with the Centre on how their GST compensation (D) dues will be paid this year.

A.Anxious

B.Revenue

C.Recommendation

D.Compensation

E.All correct

409) Its final reports (A)comes at an even more uncertain (B) time, with the pandemic (C) throwing the global economy into a tailspin (D).

A.Reports

B.Uncertain

C.Pandemic

D.Tailspin

E.All correct

410) The Tigrayans, who make up roughly (A) 6% of Ethiopia's 110 million people, have traditionally (B) enjoyed outsized influence (C) in the government whereas the Oromos, the largest ethnic group, have complained of margenalisation (D).

A.Roughly

B.Traditionally

C.Influence

D.Margenalisation

E.All correct

Direction (411-414): In each of the questions given below, a statement has been given with a blank. Some words have been given in the options following the statement. Choose the most appropriate word that could fit in the statement to make it contextually meaningful and grammatically correct.

411) The company has already started teasing the launch of this smartphone, which is _____ to debut under INR 40,000.

A.Transcended

B.Speculated

C.Relayed

D.Impregnated

E.Agonized

412) A recent JAMIA study reported health IT and EHR optimization as one of three critical ways to _____ clinician burnout.

A.Effectuate

B.Conciliate

C.Precipitate

D.Mitigate

E.None of these.

413) US Secretary of Defense Lloyd J Austin III was _____ the Guard of Honour at Vigyan Bhawan.

A.Averted

B.Accorded

C.Encapsulated

D.Overweening

E.None of these

414) Barbeque Nation IPO _____ a fresh issue of ₹180 crore and an offer for sale of Rs. 273 crore.

A.Stumbled

B.Attenuated

C.Comprised

D.Swamped

E.Contrived

Direction (415-417): In each of the following sentences, there are two blank spaces. Below in each sentence, there are five options and each option consists of two words which can be filled up in the provided blanks respectively to make the sentence grammatically and coherently correct. Find the most appropriate set of words that fit into the blanks contextually.

415) The _____donor gives _____donations to the charity without anyone have to ask him for money.

A.pitiful, offering

B.meager, charitable

C.kind, coerced

D.liberal, degrade

E.generous, voluntary

416) Residents in low-lying areas are strongly _____ to _____the area before the outer bands of the hurricane make landfall.

A.requested, left

B.opted, discharge

C.volunteered, exile

D.urged, evacuate

E.forced, expelled

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417) The _____ of the earthquake is believed to be located somewhere off of the coast of Tamil Nadu, and the cause of the _____ tsunami.

A.epicenter, subsequent

B.concentration, over

C.shuffle, predicted

D.abbreviation, perishable

E.underfoot, primary

Direction (418-421): Each question below contains a statement with three blanks followed by four options. Choose the option that can fill the three blanks and mark it as your answer.

418) Suddenly, he found that his _____ was Lord Shiva himself in _____ who came to advise him not to take the great _____ without divine intervention.

A.Adversary, quirk, venture

B.Revel, disguise, venture

C.Revel, quirk, boisterous

D.Adversary, disguise, venture

E.None of these

419) News of the Moon landing spread across the world, _____ an entire generation and _____ an infectious sense of possibility _____ what was to come in space exploration.

A.Captivating, instilling, for

B.Whimsical, instilling, of

C.Captivating, recuperate, for

D.Whimsical, recuperate, of

E.None of these

420) Among the ideas suggested by the Scottish Conservatives are allowing first-time drug users to _____ a criminal record as long as they attend support services; redirection _____ funds into rehabilitation, recovery and _____; as well as a review into the use of heroin substitute methadone.

A.Garrulous, of, revelry

B.Avoid, to, abstinence

C.Avoid, of, abstinence

D.Garrulous, to, revelry

E.None of these

421) By _____ at the international community's attempt to challenge its policy in Xinjiang, and turning a blind eye to the evidence of _____abuse, China's partners are also doubling down on one of their usual refrains: sovereignty is _____, particularly when human rights are involved.

A.Firing back, rampant, sacrosanct

B.Firing back, rampant, ennui

C.Ask out, progeny, sacrosanct

D.Ask out, progeny, ennui

E.None of these

Direction (422-426): In the sentences given below, four words have been highlighted and placed in a sentence. Identify the correct sequence of the words in the sentence. Also, one of the given words will need to be replaced. Identify the correct sequence and the correct replacement and mark that option as your answer.

422) While we are still in the (A) forgotten of the COVID-19 pandemic, which is airborne, we have (B) guard that another such (C) blight could well come from (D) contaminated water.

A.BDAC; C- plight

B.DCBA; D- container

C.BACD; B- grip

D.CADB; A- forbidden

E.No interchange required.

423) The (A) contributing of coal emits (B) particle amounts of (C) incredible pollution, (D) mining to heart disease, lung disease and lung cancer.

A.BADC; A- Continuing

B.CDBA; A- Corresponding

C.DBAC; D- Minting

D.DCBA; C- Massive

E.No interchange required

424) The DMK has also (A) power that it would (B) announced educational loans from banks and (C) waive of self-help groups from cooperative societies if voted to (D) loans in May 2021.

A.DABC; A- patience

B.BCDA; all words are correct

C.DABC; B- allocated

D.BCDA; C- wavered

E.No interchange required

425) The Economic Survey 2021 does not seem to be a policy document (A) economy straight from the (B) empirical data of the (C) embedded or the social compulsions (D) deferred in it.

A.CABD; A- Economical

B.BCAD; C- Imbibed

C.CBDA; all words are correct

D.DBAC; D- derived

E.No interchange required

Direction (426-428): In the sentences given below, four words have been highlighted, which may or may not be correctly placed (grammatically or contextually). Rearrange the words to make the sentence grammatically correct. One of the words may be contextually incorrect and should be

replaced by the word provided in the alternatives. Choose the option which represents the correct order of words and the appropriate replacement of the inappropriate word. If none of the given options is correct. Choose 'None of the above' as the answer.

426) The National Gallery of Modern Art, New Delhi was founded in 1954 as the spanning (a) museum of modern art. It houses and unbridled (b) masterpieces of the changing art forms of modern India premier (c) more than one hundred and fifty years. The museum continues to showcases (d) its role as a repository modern and contemporary visual, plastic and media arts.
A.a-c & b-d, Unbridled- reaffirm
B.a-b & c-d, Uniform- spanning
C.a-d & b-c, blessing- premier
D.b-d, reviewed- showcases
E.No improvement required

427) If a country is to prosper (A) it must be producing goods (B) for domestic consumption (C) and export (D) to abroad.
A.C-A & B-D, Consumption-Production
B.A-D & B-C, Prosper-Royal
C.D-B & C-A, Goods-Things
D.D-C & A-B, Import-Extract
E.No improvement required

428) To analyse (A) the cleanest city contest, we have to carefully misjudge (B) all the decisions (C) in front of us and then take the records (D).
A.A-B & C-D, Analyse-Observe
B.B-A & D-C, Misjudge-Judge
C.B-C & D-A, Decisions-Actions
D.B-D & A-C, Records-Files
E.No improvement required

Directions (429-434): Read the sentence carefully and find out any error in any parts of the sentence.
429) Indonesia has consciously taken a(A)/ moderate tone on the territorial disputes (B)/ between its fellow ASEAN member state, including (C)/ Vietnam and the Philippines on the one hand, and China on the other. (D)/No error
A.A
B.B
C.C
D.D
E.No error

430) When intellectuals can argue about(A)/ the sources of Chinese conduct, peasants (B)/ with their common sense (C)/ can point to answers lying in plain sight (D)/ No error

A. A

B. B

C. C

D. D

E. No error

431) The real challenge for Delhi in managing (A)/ its expensive territorial dispute with Beijing, then (B)/ is to redress the growing (C)/ error power imbalance with China (D)/No error

A. A

B. B

C. C

D. D

E. No error

432) The trajectory of fresh COVID-19 cases shows that (A) / this was aggravated by the bungle response (B) / to the concerns of migrant labor, exposing thousands of workers (C) / and their communities to infection (D)/ No error (E)

A. A

B. B

C. C

D. D

E. No error

Direction (433-434): A sentence with four parts is given in each question. You have to find the part/s that has/have any grammatical error. If the sentence is correct, mark 'no error" as your answer.

433) The way forward is to shore up port-led industrialisation,(A)/ by way of clusters around smart port cities, so as to reduce logistics costs, (B)/ slash movement time for cargo and (C)/ generally boosts the economies of scale and scope. (D)/

A and C

A. A and C

B. B and D

C. Only D

D. B and C

E. No error

434) Ideated and conceptualized by Pulkit Ahuja, a serial entrepreneur, (A)/ inventor, and owner of multiple patents and author of 2 books including the financial bestseller "Googled by God", (B)/ the Proxgy core team consist of a myriad of industry stalwarts (C)/from data science, hardware, car rental, travel, marketing, and retail domains. (D)/

A. B and D

B. A and B

C. Only C

D.Only A

E.No error

435) It is evident that the stringent COVID-19 (A)/ lockdowns in force through the first third (B)/ of the quarter, and substantially in May, (C)/ hollowed out demand. (D)/

A.A and B

B.B and C

C.B and D

D.A and D

E.No error

Direction (436-438): Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be one part of the sentence. The number of that part is the answer. If there is no error, the answer is (E).

436) But the people who are battling Modi (A)/over his government's new citizenship law are right about almost everything they say (B)/about his immigration policy, which uses Islam to disqualify (C)/a broad segments of undocumented immigrants.(D)/

A.But the people who are battling Modi

B.over his government's new citizenship law are right about almost everything they say

C.about his immigration policy, which uses Islam to disqualify

D.a broad segments of undocumented immigrants.

E.No error

437) Protests representing "people power" and aimed against ruling elites proliferate(A)/ in non-democratic, authoritarian regimes and, indeed, even on some occasions succeed in toppling such regimes(B)/—witness Bolivia, most recent, in which popular protests against an election widely seen (C)/as rigged toppled the long-serving and entrenched president, Evo Morales. (D)/

A.Protests representing "people power" and aimed against ruling elites proliferate

B.in non-democratic, authoritarian regimes and, indeed, even on some occasions succeed in toppling such regimes

C.witness Bolivia, most recent, in which popular protests against an election widely seen

D.as rigged toppled the long-serving and entrenched president, Evo Morales.

E.No error

438) In 2008, about four years after a social network surfaced from a college dorm(A)/ that would take locker-room talk online, link people across time and space, (B)/web its way around the

world, and watch its value skyrocket in a winner-takes-all business, (C)/Blown To Bits: Your Life, Liberty, And Happiness After The Digital Explosion issued a cautionary note.(D)/

A.In 2008, about four years after a social network surfaced from a college dorm

B.that would take locker-room talk online, link people across time and space,

C.web its way around the world, and watch its value skyrocket in a winner-takes-all business,

D.Blown To Bits: Your Life, Liberty, And Happiness After The Digital Explosion issued a cautionary note.

E.No error

Direction (439-440): In the following questions two columns are given containing three Sentences/phrases each. In first column, sentences/phrases are A, B and C and in the second column the sentences/phrases are D, E and F. A sentence/phrase from the first column may or may not connect with another sentence/phrase from the second column to make a grammatically and contextually correct sentence. Each question has five options, four of which display the sequence(s) in which the sentences/phrases can be joined to form a grammatically and contextually correct sentence. If

none of the options given forms a correct sentence after combination, mark (e), i.e. "None of these" as your answer.

439)

A) The second hypothesis seems unlikely because large pterosaurs	D) could not have landed in trees without damaging their wings.
B) Efforts to explain how the pterosaurs became airborne have led to suggestions that	E) they launched themselves by jumping from cliffs, by dropping from trees, or even by rising into light winds from the crests of waves.
C) The first wrongly assumes that the pterosaurs' hind feet resembled a bat's and	F) could serve as hooks by which the animal could hang in preparation for flight.

A.A-E, B-D

B.B-F, C-D

C.B-E, C-F

D.A-F, B-D

E.None of these

440)

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A). For every person counted in the monthly unemployment tallies, there is another	D) is several times the number unemployed in any month.
B) Since the number experiencing joblessness at some time during the year	E) working part-time because of the inability to find full-time work, or else outside the labor force but wanting a job.
C) Finally, income transfers in our country have always focused	F) on the elderly, disabled, and dependent, neglecting the needs of the working poor.

A.A-F

B.B-E

C.A-E

D.C-E

E.None of these

441)

A) Opening up new farmland was a possibility, but most of what was suitable	D) of silver and gold had been exhausted, although debasement of the coinage had compensated for the loss.
B) Cash profits from government-owned mines were already on the decline because the most easily worked deposits	E) had already been exploited and further reclamation was technically unfeasible.
C) It was difficult for individual samurai overlords to increase their income because	F) the amount of rice that farmers could be made to pay in taxes was not unlimited

A.A-F

B.B-D,

C.C-E

D.B-E

E.None of these

Direction (442-446): In each of the questions given below, a connector is given in highlighted followed by two columns with few sentences in each. Identify the sentences that can be connected in order to form meaningful and grammatically correct sentences using the given connector.

442) BECAUSE

COLUMN I	COLUMN II
(A) The resumption of economic activity also brings a large number of people together.	(D) It let its guard down too soon.
(B) India is facing a second wave of coronavirus.	(E) Over 80% of new Covid-19 cases in India's "second wave" are from six states.
(C) India was thought to be slowly seeing the back of Covid-19.	(F) Large political and religious gatherings have been permitted.

A.B-E

B.A-E

C.B-D

D.C-F

E.C-D

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443) BUT

COLUMN I	COLUMN II
(A) There has been a disruption in the electric-vehicle business in China.	(D) Therefore, it is spurring the rise of more affordable EVs.
(B) Iron-powered electric vehicles are surging in China.	(E) It is grabbing nearly half of the market.
(C) A low-cost battery is touted by Elon Musk.	(F) Concerns remain about their range and cold-weather performance.

A.C-E

B.B-D

C.A-D

D.B-F

E.A-E

444) PROVIDED THAT

COLUMN I	COLUMN II
(A) The source of water is being arranged.	(D) Officials were further directed by the minister to complete the work.
(B) The minister opined that rainwater can also be collected in the water bodies and lakes.	(E) They are clean.
(C) The arrangement for treated water should go on simultaneously.	(F) A dedicated pipeline should be laid from Keshopur STP to Paschim Vihar lake.

A.C-F

B.A-D

C.A-F

D.B-E

E.C-E

445) EVEN THOUGH

COLUMN I	COLUMN II
(A) Kohli did not give the ball to Hardik Pandya at all in the match.	(D) Indian bowlers were hit for plenty.
(B) Decision to not use Pandya as a bowler was made to manage his workload.	(E) The all-rounder had bowled in the T20Is.
(C) Hardik Pandya could have been given a spell of 3-4 overs.	(F) He had bowled as many overs in the shortest format against England.

A.C-E

B.B-D

C.A-D

D.B-F

E.A-E

446)
WHILE

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COLUMN I	COLUMN II
(A) The trap team caught the accused red-handed.	(D) He said a trap team was constituted.
(B) Further investigation of the case is going on.	(E) Searches were also conducted in the house of the accused.
(C) The amount of bribe — Rs 20,000 — was recovered on the spot.	(F) A verification was conducted and accordingly a case was registered.

A.C-F

B.A-D

C.A-F

D.B-E

E.C-E

Direction (447-448): In each of the following questions two columns are there and in both the columns sentences are divided into three parts which may or may not be properly arranged. You are first required to rearrange the sentences from both the columns and then match the Column I with Column II in order to make the sentences grammatically correct and contextually meaningful.

447)

COLUMN I	COLUMN II
a) that his government would quickly (i)/ Narendra Modi on Monday, U.S. President Joe Biden said (ii)/ in a phone call with Prime Minister (iii)/	d) U.S.'s response to the situation(i)/ many saw as a delay in the (ii)/ The move comes after what (iii)/
b) that as a key global supplier of pharmaceuticals and vaccines(i)/ the U.S. should consider its assistance to India (ii)/ both in light of their relationship and of the fact (iii)/	e) rights for pharmaceuticals produced in the U.S.(i)/ of the pandemic, which may be a more difficult(ii)/ proposition as it includes setting aside patent(iii)/
c) Washington to consider a shift in its long(i)/ in the longer term, New Delhi wants(ii)/ held state policies for the duration(iii)/	f) to help India battle its current (i)/ crisis with the pandemic (ii)/ deploy a number of COVID-19 related supplies (iii)/

A.a-e

B.b-d, c-f, a-e

C.a-e, b-f

D.a-f, c-e

E.None of the above

448)

COLUMN I	COLUMN II
a) over medicines on the one hand with (i)/ in India, the question of marrying the (ii)/ idea of promoting invention and offering exclusive rights (iii) /	d) Equal access to basic healthcare on the other (i)/ the state's obligation of ensuring that every person has (ii)/ has been a source of constant tension (iii)/
b) on the new law, though, when(i)/ the ink had barely dried(ii)/ negotiations had begun to create (iii)/	e) governing intellectual property (i)/ a WTO that would write into its (ii)/ constitution a binding set of rules (iii)/
c) the technology involved in producing the (i)/ Moderna vaccine in the U.S. emanated (ii)/ most recently, it has been reported that (iii)/	f) and other publicly funded universities and organisations (i)/ out of basic research conducted by the (ii)/ National Institutes of Health, a federal government agency (iii)/

A.a-f, b-d, c-e

B.b-d, c-f, a-e

C.a-d, b-e, c-f

D.a-f, c-e, b-d

E.None of the above

449)

COLUMN I	COLUMN II
a) to multi-phase polling as a permanent practice (i)/ as the election draws to a close, the time (ii)/ may have come for the ECI to reconsider its resort (iii)/	d) are experiencing as they fear that the state seems (i)/ The outpouring of community action we are witnessing (ii)/ is a soothing balm for the anxiety many(iii)/
b) but which in recent weeks has become (i)/ synonymous with death and suffering (ii)/ a word which should signify vitality and exuberance(iii)/	e) oxygen to save her own people (i)/ one day be unable to supply(ii)/ oxygen on an industrial scale, would(iii)/
c) the India of 2021 which boasts sending (i)/ who would have ever imagined that (ii) / rockets to the stars and manufactures (iii)/	f) The word 'trauma' typically evokes extreme (i)/events such as rape, sexual abuse (ii)/ and war related violence(iii)/

A.c-e

B.c-e, b-f

C.b-f

D.a-f, c-e

E.None of the above

Directions (450-456): Read the following passage carefully and answer the questions that follow.

In a scene in the 2017 movie The Post, a group of journalists peer into a cardboard box holding the Pentagon Papers. It is an exciting and equally stressful moment: the team has a mere 10 hours to sift through 4,000 pages, make sense of them, and

hammer out a report for the city edition. As all of them start complaining to the seemingly impossible task, Tom Hanks, who plays The Washington Post Editor says, "We have 10 hours till the deadline, so we dig in." This scene and what follows is what a reporter's dreams are made. The documents may come to us with different names — police charge sheets, government file notings, personal correspondent, confidential reports, internal memos, and so on — but each of them is a hard piece of evidence.

The paper is the key here. Documents, unlike people, will never betray you or withdraw comments. They will never blame you for a **(A) retracted** especially in the face of an **(B) unflattering** story. The spoken word can be denied, **(C) misquote** and changed before a story, whereas documents mostly leave no room for **(D) doubts** or questions. The cold and indifferent document provides a news copy with protection as tough as Teflon; it makes the story undeniable. It is for this reason that reporters spend most of their time chasing documents. This is why we **intimidate** and convince sources to part with papers. Often, journalism is just about following that paper trail. It is about knowing where else to go looking for a document that has been denied to us by one source.

We love our documents so much that most reporters are well equipped to read text even upside down on files that officers sometimes forget to close, all the while carrying on with a casual conversation. I am sure that my colleagues at media houses have a number of exciting stories about how they landed key documents for their scoops. These are stories of our little personal triumphs. I remember, for instance, the jubilation, as a cub reporter, when a source walked out of a police station on the pretext of having tea, sneaking away from the TV cameras in front of the station, only to hand me a First Information Report. What I was chasing was not a scoop; it was just a routine story that everyone else was following. But often, the difference between a half-baked news report and a rounded one is that one chit of paper or sheaf of papers.

Technological changes have made accessing documents a little easier. With multiple social media sharing platforms, often voluminous reports land directly on our phones. Instead of the hard print, we now spend time squinting at our laptops. Sometimes, if a source is too reluctant to part with the documents, we try and convince them to allow us to photograph a few pages.

450) Which of the following can be illustrated from the first paragraph?

(1) Journalists thoroughly examine the documents before they publish them.

(2) The task of the journalists is seemingly impossible task and until the deadline, they keep on digging for the paper sources.

(3) The task of the journalists is to arrive at an agreement or solution after a lot of argument or discussion.

A.Only 1

B.Only 2

C.Only 3

D.Both 1 and 3

E.None of these

451) For what reason do journalists spend the majority of their time chasing documents?

A.The process of collecting and organizing documents can be tedious and time consuming.

B.Documents are easily attainable by persuading the sources.

C.Documents prove the story beyond a shadow of a doubt.

D.Documents embellish the story and disguise the information.

E.None of these

452) According to the given passage, journalism is just about:

A.Denying the people's statements

B.Following the paper trail

C.Complaining about the impossible task

D.Carrying on with a casual conversation

E.Convincing and coaxing the sources

453) How do Journalists gather information/documents according to the given passage?

A.Journalists persuade sources to give away the papers as they serve a news copy with protection as tough as Teflon.

B.Journalists' phones are frequently bombarded with lengthy reports.

C.Journalists will sometimes persuade the sources and just take photographs of the documents.

D.Both A and C

E.All the above

454) Which of the following is/are TRUE with respect to the given passage?

A.Unlike documents, humans will never mislead you or retract their words.

B.Most documents approve anything that is as straightforward or true as it appears.

C.The spoken word cannot be denied, retracted and changed before a story.

D.The cold and indifferent document provides a news copy with Teflon-like protection.

E.None of these

455) In the given statement, the highlighted words may/ may not be arrangedproperly. Find the correct combination of words that replace each other.

"They will never blame you for a (A) retracted especially in the face of an (B) unflattering story. The spoken word can be denied, (C) misquote and changed before a story, whereas documents mostly leave no room for (D) doubts or questions."

A.Only (A)-(D)

B.Only (B)-(C)

C.Only (C)-(A)

D.Both (A)-(C) and (B)-(D)

E.No rearrangement is required

456) The highlighted word in the given sentence may be inappropriately used or incorrectly spelt. Improve the given statement using the given alternatives:

"This is why we *intimidate* and convince sources to part with papers".

A.Coax

B.Imperil

C.Infuriate

D.Challenge

E.Dodge

Direction (457-463): Read the passage carefully and answer the following questions.

The second wave of Covid-19 is finally slowing down after tearing through India with a **ferocity** that the country was tragically underprepared to handle. Given that public health was a low priority item for government expenditure for decades, expecting the medical infrastructure to be ramped up, even though it was urgently needed in the wake of the pandemic, might have been unrealistic. Some might argue that decades of neglect cannot be reversed within months. But if a radical overhaul was difficult, there were, and continue to be, several interventions that are not at all infeasible, provided there is adequate recognition of the gravity of the problem, a willingness to engage with scientific evidence and the political will to act on immediate recommendations. When the caseload was low between October 2020 and February 2021, the government could have made productive use of the lull to push for speedy and free mass vaccination, as many experts had recommended. But it did not, _____.

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The roll-out was slow and marked by a complicated and inefficient procurement and pricing policy, which threatened to exacerbate inequalities in access to vaccines between states and between the rich and the poor. After a great deal of **tumult** and the loss of precious time, the central government has announced a course correction and decided on the central procurement of vaccines. This is long overdue and a welcome move. As the country gears up towards accelerating the vaccination drive, we need to be mindful of the ground realities that could impede the progress towards mass vaccination. In addition to the slow pace and the abysmally low absolute numbers of people vaccinated, women are getting left behind in the ever-lengthening vaccine queue. The vaccination programme was unrolled in phases. Phase 1 started on January 16 and covered all healthcare and frontline workers, a large proportion of whom were women. Subsequent phases opened up vaccine eligibility to different age groups. As vaccination has opened up to the larger sections of the general public, the ratio has declined. In other words, the ratio in the first phase was high because women formed a high proportion of frontline health workers. As citizens are voluntarily getting vaccinated, women are falling behind, which is a matter of concern.

One might legitimately ask whether adopting a gender lens to assess the progress on vaccinations is the right approach when, surely, the overarching aim should be to prevent mortality. This should mean that we should put sections with higher vulnerability to the disease, men or women, young or old, ahead in the vaccine queue. Undoubtedly. However, the problem is that there is no official data for India, sliced by age group, gender, state, rural-urban residence or any other classification, which would help identify these sections accurately, and be a good guide to plan proper targeting. In a country with low smartphone **penetration (a),** lack of English fluency and a deep digital divide, the logic of making vaccine access **conditional (b)** on app-based registration is **callous(c)** at best and **mysterious (d)** at worst. Even if these divisions were a secret before March 2020, the first wave definitely unveiled these in too glaring a light to be ignored. It should have been obvious that making access to an English-language smartphone-based app compulsory for getting vaccinated would be a recipe for guaranteed exclusion. Women are seriously disadvantaged, more than men, in being able to meet these conditions and book appointments for themselves.

Finally, when vaccines are not free for all (or there is not a sufficient number of free vaccinations), households that can pay will be ahead of the queue, and within families, men will take priority over women. The evidence on a unequal gendered division of precious resources within families is unambiguous and sadly, shows long-stand and pervasive disparities, whether in the allocation of food, private school and tuition fees, property or asset owners.

457) Which of the following can be inferred from the above passage?

A.The need of the hour is to ramp up vaccines for all.

B.Mass vaccination can succeed only when we take into account structural inequalities, recognise the specific challenges these impose, and find solutions to circumvent them.

C.The Indian vaccination programme cannot succeed if children are left behind.

D.What was going on in this country was worse than a war, because in a war the enemy is seen and known. In this war, the enemy is not seen, its ways are unknown, and it can speedily change its tactics.

E.A high level of transparency on Covid management, particularly on vaccination, beds, supplies, infections and deaths, is a must to handle this war-like situation.

458) Which of the following is true to the context of the passage?

A.As the country accelerates towards the vaccination drive, we need to be mindful of the ground realities that could unclog the progress towards mass vaccination.

B.The ratio of men in the first phase was high because women formed a high proportion of frontline health workers.

C.The central government has announced procurement of vaccines which is considered as a welcome move.

D.Men are seriously disadvantaged, more than women, in being able to meet challenges and book appointments for themselves.

E.All are true

459) Which of the following is not true to the context of the passage?

A.Many more men in India have received COVID–19 vaccines than women, highlighting gender disparity in the country's immunisation drive.

B.Access to an English-language smartphone-based app compulsory for getting vaccinated would be a recipe for guaranteed acceptance.

C.Women will have to step forward to get vaccinated or the divide will rapidly widen

D.The pandemic's disparities were stark in India, where access to health care is as stratified and unequal as many other parts of society.

E.All are false

460) Complete the following blank-

When the caseload was low between October 2020 and February 2021, the government could have made productive use of the lull to push for speedy and free mass vaccination, as many experts had recommended. But it did not, _____.

A.because it should not just make vaccines free but also give people incentives to get vaccinated

B.because vaccine disparity is "not just a question of inequality but also inefficiency,

C.because the government didn't reserve enough shots for the campaign and it was slow to scale up vaccine production.

D.because it believed that India had won the war against the pandemic, that India was somehow immune to second waves which had ravaged other countries around the world.

E.None of the above

461) Which of the following words is a synonym of the highlighted word "tumult"?

A.Ruckus

B.Commotion

C.Racket

D.Both A and C

E.All A, B and C

462) Below four words have been highlighted which may or may not be in their correct position. You are required to interchange them in order to make the sentence both grammatically and contextually correct.

In a country with low smartphone **penetration (a)**, lack of English fluency and a deep digital divide, the logic of making vaccine access **conditional (b)** on app-based registration is **callous(c)** at best and **mysterious (d)** at worst.

A.a-d

B.c-b

C.a-c

D.c-d

E.No interchange required

463) Find out the error free part.

A.The evidence on a unequal gendered division of

B.precious resources within families is unambiguous and sadly,

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C.shows long-stand and pervasive disparities,

D.whether in the allocation of food, private school and

E.tuition fees, property or asset owners.

Direction (464-468): In the following passage, some of the words/sentences have been left out or emboldened, each of which is indicated by a letter. Answer each question accordingly, to make the paragraph meaningful.

Complex challenges require a whole system approach to make sure the solution doesn't trigger unforeseen consequences. In keeping with this philosophy, climate change scientists recently joined hands with biodiversity researchers to call for a global policy approach that takes an integrated view of measures to **(A)**_____ climate change. The crux of their argument is the problem cannot be dealt with by treating emissions and biodiversity as discrete subjects. They are interrelated and human activities that **(B) undermine** the climate and lead to biodiversity loss are mutually reinforcing.

This lesson needs to be internalised by GoI in dealing with the challenge of simultaneously improving India's **(C) abysmal** air quality and phasing out environmentally damaging agricultural policies. **(D) To illustrate, the national policy on** fuels aim to blending petrol from ethanol. The target is to increase the ethanol blend from the current level of about 5% to 10% and push it even higher in the second half of the decade. Niti Aayog this month produced a report on the subject. It's an avoidable idea as ethanol production is heavily reliant on sugarcane, a highly water-intensive crop unsuited to large tracts where it's grown. A litre of ethanol from sugar requires 3,000 litres of water. Sugarcane and paddy are two crops that together use 70% of the country's irrigation water. **(E) Policy distortions here have led to rapid depletion of water tables in vast tracts.** Moreover, sugar consumption in the country appears to have plateaued, thereby catalysing a big push towards ethanol-blended petrol. Instead, it will make more sense to focus on incentivising R&D in green hydrogen, which is produced from renewable energy and is a cleaner alternative to fossil fuels. **(F)** _____. An effort like this needs GoI's support.

464) Which of the following words fits in the blank A?

A.enhance

B.augment

C.invigorate

D.attenuate

E.enliven

465) What is the SYNONYM of the word (B) undermine?

A.Debilitate

B.Incentivize

C.Prerequisite

D.Acquiesce

E.None of these

466) What is the ANTONYM of the word (C) abysmal?

A.Dreadful

B.Lamentable

C.Appealing

D.Appalling

E.None of these

467) The given statement may or may not be grammatically correct. Improve the statement using the given alternatives:

"(D) To illustrate, the national policy on fuels aim to blend petrol from ethanol"

A.To illustrate, the national policy on fuels aims to blend petrol from ethanol.

B.To illustrate, the national policy on fuels aims to blend petrol with ethanol.

C.To illustrate, the national policy on fuels aim to blending petrol with ethanol.

D.For illustrating, the national policy on fuels aim to blending petrol from ethanol.

E.No improvement is required

468) What is the contextual meaning of the sentence E:

"Policy distortions here have led to rapid depletion of water tables in vast tracts."

A.Policy inconsistencies in this country have resulted in rapid decrease in water tables in vast portions of the country.

B.Policy inconsistencies in this country have resulted in a rapid rise in water tables across vast portions of the country.

C.Policy distortions in this country have been consuming a significant amount of water.

D.A large portion of the water in this country has been assessed due to policy distortions.

E.None of these

469) Fill in the given blank with the most suitable sentence that makes the passage meaningful:

(F)_____. An effort like this needs GoI's support.

A.The energy industry is the totality of all of the industries involved in the production and sale of the fossil fuel industries.

B.In India, a coalition of industrial and energy firms, India H2 Alliance, is working on a transition blueprint.

C.Indian power sector is undergoing a significant change that has redefined the industry outlook.

D.The Government of India's focus on attaining transition blueprint has accelerated capacity addition in the country.

E.None of these

Direction (470-474): For the following questions, some sentences are given. Arrange the sentences in a meaningful paragraph. Also find which of the sentences is out of context. Identify the correct answers for some of the activities given in the sentences.

(A) The villages are reeling under the onslaught of the steep wave as the caseload and death count mount.

(B) As J&K is witnessing a surge in Covid cases, the threat it poses to people and staff on the move and the implementation of e-Office software in both the secretariat and move offices, it has been decided to defer the darbar move this time.

(C) This is worrisome because our medical system is neither prepared nor equipped to handle the fast-approaching Covid surge in the hinterland.

(D) It is further hampered by the **paucity** of testing and surveillance systems.

(E) That are finding easy prey as people let go of (a) Covid protocols, the ruthless coronavirus is increasingly (b)/riding on more potent mutants and variants (c)/ripping deeper into the rural pockets of the country (d).

(F) The rural healthcare centers are utterly inadequate and poorly staffed.

(G)The limitations in the health infrastructure (a)/ are a prescription for a disaster if (b)/ the raging second wave of the pandemic is not (c)/ tamed, henceforth, the task is challenging (d).

470) Find the suitable meaning of the word highlighted in bold.

A.Abundance

B.Supremacy

C.Sanctity

D.Meagerness

E.Inviolability

471) Identify the sentence which is out of the central theme of the passage.

A.C

B.G

C.B

D.F

E.A

472) Find the suitable arrangement of the following sentences.

A.EAFGCB

B.ECGDFA

C.DCBAGF

D.FAGDEC

E.ACDBFG

473) Find the error in the sentence (G) divided into 4 parts, given in italics. If the sentence is correct, mark option E.

A.D

B.A

C.B

D.C

E.No error

474) Find the correct rearrangement of the sentence (E) divided into 4 parts given highlighted in bold italics.

A.cabd

B.bdac

C.dcab

D.adcb

E.No rearrangement required.

Direction (475-476): In the questions below a word is highlighted in bold. You are required to choose either synonyms or antonyms for the highlighted word from the given options.

475) India's telecom and mobile phone manufacturing industry is still at a **nascent** stage despite the fillip provided to the sector by a well-designed PLI scheme.

A.mortified, incipient

B.aborning, inchoate

C.precocious, budding

D.chagrined, inceptive

E.None of the above

476) The **unvarnished** truth is that the current trade patterns accurately reflect India's manufacturing capabilities – or lack thereof, to be precise. The Indian government, thankfully, gets it.

A.subdued, flamboyant

B.lucullan, denuded

C.embellished, spartan

D.adorned, caparisoned

E.None of the above

Direction (477-479): In the given questions, a word has been highlighted, followed by a few sentences. Identify the sentence which infers the incorrect meaning of the given highlighted word.

476) RESTORE

A.The government decided to reinstate the failed policies of its predecessor.

B.We went to Verizon to upgrade our older iPhones to the newest versions available.

C.She will never forsake her vegetarian principles.

D.A mechanic is coming to overhaul the engine.

E.All are correct.

478) PENURY

A.When the economy crashed, many people of affluence became poor.

B.High medical costs are a significant cause of indigence for many of the elderly who are living in poverty.

C.Jason foolishly went from a lifestyle of wealth and privilege to one of destitution and starvation.

D.Poverty and deprivation are by no means confined to the north of the country.

E.None is correct.

479) PERILOUS

A.They declared their undying love for each other.

B.He is an artist with an abiding concern for humanity.

C.Their ceaseless noise annoyed the neighbours

D.While the Sun may seem everlasting to Earth's inhabitants, one day in the far future it will fade and die in a fiery explosion.

E.None is correct.

Direction (480-481): In each of the following questions, two columns are there and in both the columns sentences are divided into three parts which may or may not be properly arranged. You are first required to rearrange the sentences from both the columns and then match the column I with Column II in order to make the sentences grammatically correct and contextually meaningful.

480)

Column I	Column II
a) Priyanka said the entire truth about who nurtured and protected criminals like Vikas,(i)/and believed to have been politically connected, must come out(ii) accused of masterminding the killing of eight policemen (iii)/	d) required to finish it, a number that may (i)/each series comes with the number of taps (ii)/look staggering but usually takes under one hour to finish a title(iii)
b) who like to read stories in the form of text messages(i)/ the 'teenage to young adult' fan base,(ii)/ Tap is not a new entrant but it continues to engage(iii)	e)"unless the nexus between (i)/criminals and politicians is exposed, (ii)/justice cannot be delivered," she said(iii)
c) to Indian Railways to improve its communication and (i)/ the government has approved the allocation of 5MHz spectrum in the 700MHz (4G) band (ii)/signalling systems, Union minister Prakash Javadekar said after a cabinet meeting on Wednesday(iii)	f) the spectrum from the government will be used in a five-year project to(i)/ upgrade 34000km of tracks, with Rs 12,000 crore to be invested in signalling(ii)/systems and another Rs 12,000 crore in infrastructure for the 4G spectrum(iii)

A.Only (a-e)

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B.Only (a-e) and (b-d)

C.(a-e), (b-d) and (c-f)

D.Only (b-d) and (c-f)

E.None of the above

481)

Column (I)	Column (II)
a)A revealing example of efforts to destroy learning based on reason and a scientific approach is (i)/the inclusion of a book by a businessman and yoga teacher in (ii)/a university syllabus just after he proclaimed allopathy to be a 'stupid science'(iii)	d)before the system crashed,(i)/ the stock had more than doubled(ii)/ since the company went public in 2019(iii)
b) recent actions the Biden administration has taken to (i)/curb the growing influence of Chinese technology companies(ii)/ the order will address a number of applications and bolster(iii)	e) President Donald J. Trump, whose administration fought to ban TikTok and (i)/and it is the first significant step Biden has taken to address a challenge left for him by(ii)/ force its Chinese-owned parent company, ByteDance, to sell the app (iii)
c) company's stock skyrocketed last year, benefiting from all the people who were online (i)/amid the pandemic, the same wave that helped (ii)/other tech companies like Zoom before coming back down over the past several months(iii)	f) against Mr Ramdev's comments in the midst of the pandemic(i)/ especially in the context of the countrywide protests by doctors (ii)/ the sequence of events is dangerous, (iii)

A.(a-f), (b-e), (c-d)

B.Only (a-e) and (b-d)

C.(a-e), (b-d) and (c-f)

D.Only (b-d) and (c-f)

E.None of the above

482)

Column (I)	Column (II)
a) the Sheikh Hasina government has proposed special tax incentives for corporate houses (i)/South Asia's first country to offer such an inclusive benefit to sexual minorities(ii)/ in Bangladesh that employ transgender persons, becoming (iii)	d)the study also shows that levels of these antibodies that are able to recognise and fight the (i)/virus are lower with increasing age, and that levels decline over time,(ii)/ providing additional evidence in support of plans to delivered a booster dose to vulnerable people(iii)
b)for websites, as well as protect them from (i)/ speedily runs what is known as an "edge cloud", which is designed to speed up loading times (ii)/denial-of-service attacks and help them when traffic is peaking(iii)	e)according to the BBC, (i)/the outage related problems seem localised, (ii)/affecting specific locations across Europe and the US(iii)
c) five times lower levels of neutralising antibodies against the Delta(i)/people fully vaccinated with the Pfizer-BioNTech vaccine are likely to have more than (ii)/variant first identified in India compared to the original strain, according to research published in The Lancet journal(iii)	f)the proposal drew applause from one of the (i)/most deprived communities in Bangladesh and fuelled hopes that it (ii)/would help break the shackles of centuries-old discrimination(iii)

A.Only (a-e)

B.Only (a-f) and (b-e)

C.(a-e), (b-d) and (c-f)

D.Only (b-d) and (c-f)

E.None of the above

Direction (483-484): In each of the following questions two columns are there and in both the columns sentences are divided into three parts which may or may not be properly arranged. You are first required to rearrange the sentence from both the columns and then match the column I with

Column II in order to make the sentence grammatically correct and contextually meaningful.

483)

Column I	Column II
a)the ones she had visualized in Pterodactyl — the first thing (i)/ after had a dip in the stream of the Orsang river and visiting the caves with the rock paintings — like (ii)/ she said to me was that she would like to breathe her last at Tejgadh(iii)	d) excitement was the most dominant factor to (i)/ skill determined admiration for Test matches (ii)/explain the preference for T20 whereas (iii)
b)for Test cricket and T20, respectively (i)/ result and Skill were found to be insignificant (ii)/in explaining the preference (iii)	e) often repeat this desire and a decade (i)/and a half later she pass away in her son's house in Calcutta (ii)/ in my long years of work with her, she would (iii)
c) recognition and appreciation by (i)/ not guarantee meaningful change (ii)/ the powers that be need (iii)	f) women must have an equal stake in devising (i)/ for the latter to take place, (ii)/policy concerning their roles and rights (iii)

A.Only (a-e)

B.Only (a-e) and (b-d)

C.(a-e), (b-d) and (c-f)

D.Only (b-d) and (c-f)

E.None of the above

484)

Column I	Column II
a)manufactured in Britain (i)/ that flooded Indian markets (ii)/ in the opposite direction came a steady tide of goods (iii)	d) including freedom of navigation, (i)/ they also cite Article 87 that lists freedoms in the high seas, (ii)/ implying that this applies to the EEZ (iii)
b)maritime nations like the US have long argued that (i)/ that they can enjoy the freedom to operate in the EEZ (ii)/the phrase "other internationally lawful uses of the sea" means (iii)	e) the province of Berar (in the Vidarbha region of Maharashtra)(i)/the resulting devastation of the agrarian economy can (ii)/be seen in the fate of cotton in (iii)
c) while the Suez is closely (i)/ till 1863 the British were opposed to its construction (ii)/associated with the British Empire, (iii)/	f) the British were worried that the canal would allow other (i)/having established themselves in India and other parts of Asia, (ii)/ European powers to challenge their maritime advantages (iii)

A.Only (a-e)

B.Only (a-e) and (b-d)

C.(a-e), (b-d) and (c-f)

D.Only (b-d) and (c-f)

E.None of the above

Direction (485-489): In the following questions, jumbled sentences are given. You have to rearrange the jumbled sentences to make a coherent paragraph and one sentence is fixed and highlighted in bold which is already arranged in the

question. On the basis of the rearrangement answer the following questions below.

A. Actions such as extending its power, influence, and domination to continents like Africa and Asia and imposing 'Britishness' in such places.

B. The British Empire of the nineteenth century displayed and **(A)** justify racism in its **(B)** composite and it created grounds on which it could **(C)** embodied the imperialist actions that it **(D)** executed throughout the world during this century.

C. Many scholars in the existing scholarly literature have agreed on the point that racism was used as a tool of justification for imperial actions, such as Andrew and Deborah Spillman.

D. the development of racism and its solidification as **(A)**/ While I do believe in their conclusions, I want to trace **(B)**/ manifested in popular culture, specifically in the nineteenth century **(C)**/ 'common knowledge' in the Empire and how it **(D)**

E. To begin, I will explicate the development and growth of 'scientific knowledge' in the Empire and next, I will explain how this 'scientific knowledge' actuated and allowed for the support and strengthening of racism in the imperial Empire of Britain.

F. However, the scholars that discuss this role of racism all begin their argument with the

presupposition and acknowledgement of racism's existence within the composite of the Empire.

485) Which is the first sentence after rearrangement?

A.D

B.C

C.E

D.B

E.A

486) Which of the following is the adjoining pair before the last sentence after rearrangement?

A.A-B

B.D-E

C.F-D

D.A-F

E.C-D

487) Sentence C is fixed and is the third sentence after the rearrangement. So, what will be the fourth sentence after the rearrangement?

A.E

B.A

C.C

D.D

E.F

488) The British Empire of the nineteenth century displayed and **(A) justify** racism in its **(B) composite** and it created grounds on which it could **(C) embodied** the imperialist actions that it **(D) executed** throughout the world during this century.

In the above sentence certain words in the given position need to be interchanged to make the sentence grammatically and contextually correct. Choose the appropriate set of words which need to be interchanged and if there is no need of interchange, mark 'no interchange required' as your answer.

A.b-d

B.a-c

C.a-b and c-d

D.a-c and b-d

E.No interchange required.

489) Rearrange the sentence using the given alternatives. If no rearrangement is required, choose option E as your answer.

the development of racism and its solidification as **(A)/** While I do believe in their conclusions, I want to trace **(B)/** manifested in popular culture, specifically in the nineteenth century **(C)/** 'common knowledge' in the Empire and how it **(D)**

A.ADBC

B.CDAB

C.DABC

D.BADC

E.No rearrangement required

Direction (490-492): In each of the following questions, two statements are given with three words highlighted in each statement. These bold words may or may not be in their correct place and need to be interchanged. Among the given options, choose the correct pair of word-interchange and mark that as your answer.

490) (I) A **possible (1)** way out was to have **importance (2)** to Italy's offer of compensation and a trial in its own **residential (3)**.

(II) Despite its clear **agreed (4)**, the implications of an increase in **jurisdiction (5)** cooling demand have not been **carefully (6)** examined.

A.1-4 and 2-6

B.2-5 and 3-6

C.3-5 and 2-4

D.Only 1- 5

E.Only 2-5

491) (I) Currently, **term (1)** for the first three quarters of 2020-21 are **passed (2)**, during which 86% of the **equity (3)** inflows for the financial year were received.

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(II) Nobel-winner physicist Richard Feynman coined the **data (4)** 'cargo cult science' to **describe (5)** all kinds of pseudo science that **available (6)** off for science over the ages.

A.1-4 and 2-6

B.2-5 and 3-5

C.3-5 and 2-4

D.Only 1- 5

E.Only 2-5

492) (I) If one has a **acknowledged (1)** cold, a **concoction (2)** of crushed black pepper and turmeric boiled in milk will do **progress (3)**.

(II) Scientific **wonders (4)** has been possible only because the great men of science **bad (5)** their ignorance and were not **afraid (6)** to question.

A.1-4 and 2-6

B.2-5 and 3-5

C.3-5 and 2-4

D.Both 1- 5 and 3-4

E.Only 2-5

Direction (493-496): In a sentence given below four words are highlighted which are not in their correct place. You have to arrange the words contextually to make a sentence meaningful.

493) A major balance(A) in a federal country with strong centralising responsibility(B) is to maintain the structures(C), as well as mutual respect, between political features(D) at the central and State levels.

A.BDAC

B.ACBD

C.DACB

D.CBDA

E.No arrangement required

494) At the open UN Security Council session on the Gaza traditional (A), India, a nonpermanent member, attempted a delicate balancing act by abandoning (B) its conflict (C) support for the Palestine cause without reaffirming (D) its new friend Israel.

A.ADBC

B.CDAB

C.BADC

D.DCBA

E.No arrangement required

Direction (495-500): In each of the following questions, five statements are given out of which one or two sentences may or may not be grammatically correct. Further, five options are given indicating the possible wrong statements in each one. Choose the option which indicates the wrong statement/s and mark that as your answer.

In case, all the sentences are grammatically correct, mark your answer as 'All are correct' i.e. E.

495) (I) The war was also becoming increasingly unpopular at home, prompting Presidents, from Barack Obama to Donald Trump and Joe Biden, to promise to wind it up.

(II) The investigating officer has also been pulled up not only for the lapses in investigation but for also gaps in her knowledge of technology.

(III) Several rounds of talks for disengagement between military officials of both countries have not resulted in the re-establishment of status quo ante.

(IV) It is plausible that Beijing is willing to keep the border hot as such a strategy fits well with China's increasingly adventurist positions around the globe.

(V) It is the sacred duty of the government in power to inform Indian citizens about matters that seem threatening to the nation's territory sovereignty.

A.I and II

B.III and V

C.IV and V

D.II and V

E.All are correct

496) (I) Besides, his emphasis on the need to educate women of the minority community in association with the aim of reducing population growth is patronizing and doubly discriminatory.

(II) India's endorsement of the 'Open Societies' declaration at the G7 summit remains open to interpretation.

(III) Sedition remains a popular legal stick in the hands of the authorities to beat dissenting voices with in New India

(IV) A truly open society is one that is receptive to stimulating ideas, plurality, and equality

(V) Currently, Indian administrators are struggling with a paucity of ideas to keep children in schools, more so in the remote and rural corners.

A.I and II

B.III and V

C.IV and V

D.II and V

E.All are correct

497) (I) The use of native languages and drafting in the community to help are both essential for quickly tackling the crisis and its many social fallouts, and to avert another Covid wave.

(II) The local head was among the first to take the jab in front of the people of his village and the process was easy from there on.

(III) In order to understand the roots of political violence in Bengal, we need to look into the

evolution of grass-root politics at Bengal in the last four decades.

(IV) CM Adityanath has swiftly moved from issuing gag orders on corona aid seekers to transferring crores into bank accounts and cracking the whip on expansion of vaccination outreach.

(V) Everyone wants themselves to be heard, they all want it badly and therefore everyone are shouting and nobody can be heard over, or under, all of that shouting.

A. I and II

B. III and V

C. IV and V

D. II and V

E. All are correct

498) (I) While the mighty State may fetter the body, it often discovers that it is far more difficult to chain the mind.

(II) Once foreign relations go out of your hands in the charge of somebody else, to that extent and in that measure you are not independent.

(III) Now is the time to invest in India instead of worrying about reports of China doubling its fleet of destroyers or transforming New Delhi into a 'Modinagar' that has eliminated all signs of Muslim or British rule.

(IV) The number of cognizable crimes per lakh of population in 18 Indian states is higher than that of West Bengal.

(V) Madias, who are a primitive vulnerable tribal group, had earlier refuse to take the vaccine owing to prevailing misconceptions and the inaccessible nature of healthcare.

A. I and II

B. III and V

C. IV and V

D. II and V

E. All are correct

Answers

Directions (1-5):

1) Answer: D

2) Answer: E

3) Answer: C

4) Answer: C

5) Answer: B

Final Arrangement

Floor	Person
9	R
8	U
7	W
6	S
5	T
4	Y
3	Z
2	X
1	V

We have,

- T lives on the fifth floor.
- Y lives below T but does not live on the odd number floor.
- Only one person lives between Y and S.

From the above condition, there are three possibilities.

	Case1	Case2	Case1a
9			
8			
7			
6	S		
5	T	T	T
4	Y	S	Y
3			
2		Y	S
1			

Again we have,

- U lives two floors above S.
- Four floors are between U and Z.
- The number of floors above Z is the same as the number of floors below W.

From the above condition, case1a gets eliminated.

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	Case1	Case2	~~Case1a~~
9		W	
8	U		
7	W		
6	S	U	
5	T	T	T
4	Y	S	Y
3	Z		
2		Y	S
1		Z	

Again we have,

- R lives on one of the floors above X who does not live below V.
- V and S are not live on the adjacent floor.

From the above condition, case2 gets eliminated. Case1 shows the final arrangement.

	Case1	~~Case2~~
9	R	W
8	U	R
7	W	X
6	S	U
5	T	T
4	Y	S
3	Z	V
2	X	Y
1	V	Z

Directions (6-10):

6) Answer: D

7) Answer: B

8) Answer: E

9) Answer: A

10) Answer: D

Month	Person
January	L
April	O
June	Q
August	R
September	K
October	P
November	M
December	N

We have,

- R takes the leave in August
- M takes leave in the month which has an even number of days but after R.

From the above condition, there are two possibilities.

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	Case1	Case2
January		
April		
June		
August	R	R
September	M	
October		
November		M
December		

Again we have,

- P takes the leave immediately after K.
- K takes leave after R.

From the above condition, there are three possibilities.

	Case1	Case2	Case1a
January			
April			
June			
August	R	R	R
September	M	K	M
October	K	P	
November	P	M	K
December			P

Again we have,

- The number of persons who take leave before P is the same as the number of persons who take leave after Q.
- L takes immediately before O.

From the above condition, Case1 gets eliminated.

	~~Case1~~	Case2	Case1a
January		L	Q
April	Q	O	L
June		Q	O
August	R	R	R
September	M	K	M
October	K	P	N
November	P	M	K
December		N	P

Again we have,

- N does not take leave in October.

From the above condition, case1a gets eliminated.

Case2 shows the final arrangement.

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	Case2	~~Case1a~~
January	L	Q
April	O	L
June	Q	O
August	R	R
September	K	M
October	P	N
November	M	K
December	N	P

Directions (11-15):

11) Answer: B

12) Answer: E

13) Answer: A

14) Answer: E

15) Answer: C

Final Arrangement

Designation	Person
Chief General Manager	R
Deputy General Manager	U
Assistant General Manager	T
Chief Manager	Q
Branch Manager	V
Assistant Manager	P
Officer	W
Clerk	S

We have,

- Only three persons are designated between T and W.
- T is senior to W. At least one person is junior to W.

From the above condition, there are three possibilities.

Designation	Case1	Case2	Case3
Chief General Manager			T
Deputy General Manager		T	
Assistant General Manager	T		
Chief Manager			
Branch Manager			W
Assistant Manager		W	
Officer	W		
Clerk			

Again we have,

- The number of persons senior to W is the same as the persons junior to U.
- Q is the immediate senior of V and is senior to W but not a Branch Manager.

Designation	Case1	Case2	Case3
Chief General Manager			T
Deputy General Manager	U	T	Q
Assistant General Manager	T	U	V
Chief Manager	Q	Q	U
Branch Manager	V	V	W
Assistant Manager		W	
Officer	W		
Clerk			

Again we have,

- P is senior to S but junior to R.
- S is not immediate junior of P.

From the above condition, case2 and case3 get eliminated. case1 shows the final arrangement.

Designation	Case1	~~Case2~~	~~Case3~~
Chief General Manager	R	R	T
Deputy General Manager	U	T	Q
Assistant General Manager	T	U	V
Chief Manager	Q	Q	U
Branch Manager	V	V	W
Assistant Manager	P	W	R
Officer	W	P	P
Clerk	S	S	S

Directions (16-20):

16) Answer: D

17) Answer: D

18) Answer: A

19) Answer: E

20) Answer: C

Final Arrangement

	Box	File
6	O	Red
5	M	Pink
4	Q	Green
3	P	White
2	L	Blue
1	N	Yellow

We have,

- L is kept two boxes below the green box.
- L is not kept in the lowermost position.

From the above condition, there are three possibilities.

	Case1		Case2		Case3	
	Box	File	Box	File	Box	File
6		Green				
5				Green		
4	L					Green
3				L		
2						L
1						

Again we have,

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- The number of boxes kept above the green box is the same as below the white box.
- M is kept two boxes above the white box.

	Case1		Case2		Case3	
	Box	File	Box	File	Box	File
6		Green				
5				Green	M	
4	L		M			Green
3	M		L			White
2				White	L	
1		White				

Again we have,

- The red box is kept immediately above the Pink box. L is neither Red nor Pink.

From the above condition, case2 gets eliminated.

	Case1		Case2		Case3	
	Box	File	Box	File	Box	File
6		Green				Red
5				Green	M	Pink
4	L		M			Green
3	M	Red	L			White
2		Pink		White	L	
1		White				

Again we have,

- P is kept two boxes above the yellow box but is not Green. O is neither Green nor yellow. Q is kept above box N.

From the above condition, case1 gets eliminated. case3 shows the final arrangement.

	Case1		Case3	
	Box	File	Box	File
6	P	Green	O	Red
5		Blue	M	Pink
4	L	Yellow	Q	Green
3	M	Red	P	White
2		Pink	L	Blue
1		White	N	Yellow

Directions (21-25):

21) Answer: A

22) Answer: D

23) Answer: E

24) Answer: D

25) Answer: B

Final Arrangement

B   G   E   H   A   I   D   F   C
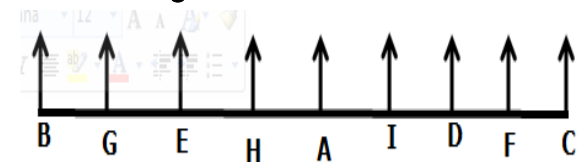
We have,

- H stands fourth from the left end.

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- The number of persons stands to the left of H is the same as the number of persons stands to the right of I.
- Only two persons stand between I and C.

From the above condition, there are two possibilities.

Case1

C   H   I

Case2

H   I   C
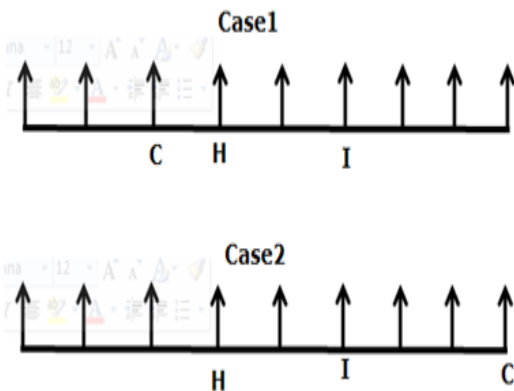
Again we have,

- D stands second to the left of C.
- G stands immediate left of E who does not stand at end of the row.

From the above condition, there are three possibilities.

Case1

D   C   H   I   G   E

Case2

G   E   H   I   D   C

Case2a

G   E   H   I   D   C
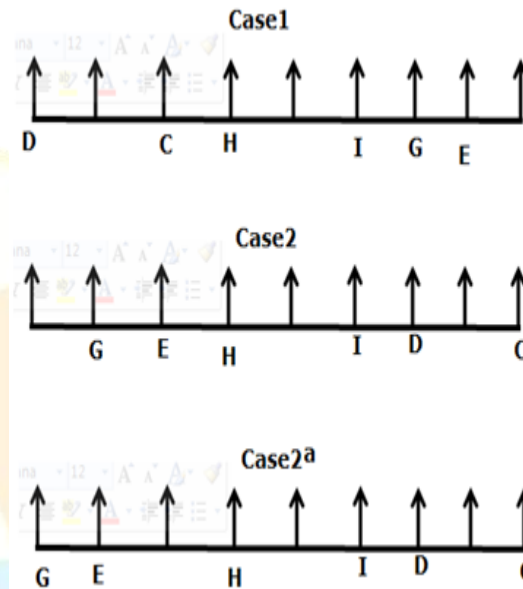
Again we have,

- B neither stands adjacent to H nor C.
- F stands right of A.
- A is not an immediate neighbor of C.

From the above condition, case1 and case2a get eliminated.

Case1

D A C H F I G E B

Case2

B G E H A I D F C

Case2a

G E H I D C
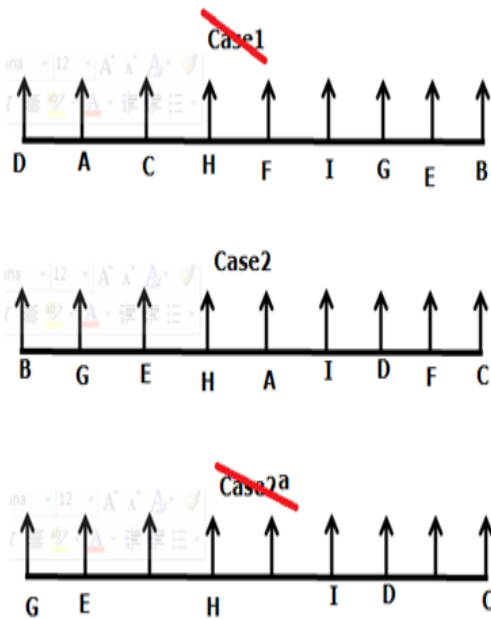
Directions (26-30):

26) Answer: E

27) Answer: E

28) Answer: C

29) Answer: E

30) Answer: C
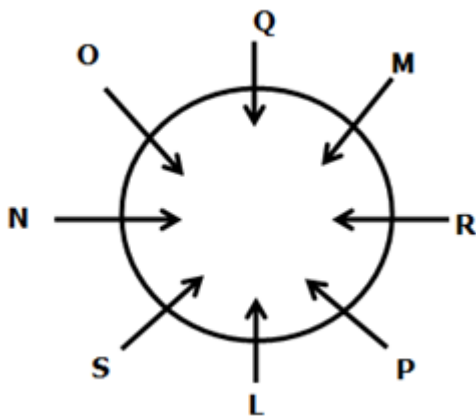
We have,

- N sits second to the left of L.
- M sits third to the left of N.
- R sits neither adjacent to N nor L.

From the above condition, there are two possibilities.
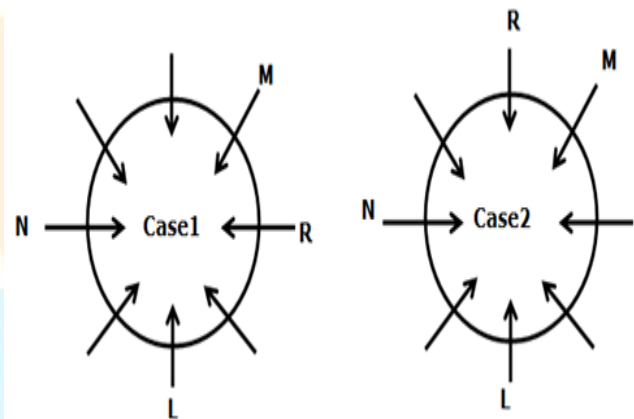
Again we have,

- Q sits third to the right of P.
- Q and R are not immediate neighbours.

From the above condition, there are three possibilities.
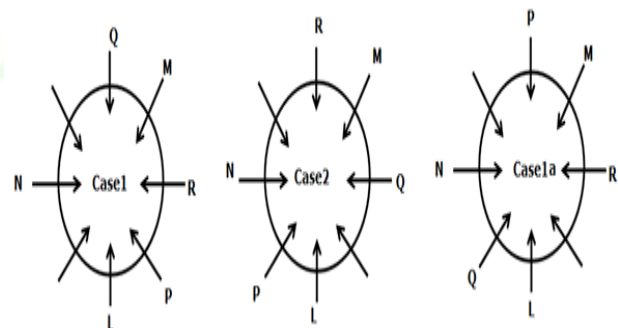
Again we have,

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- The number of persons sits between S and P is the same as the number of persons sit between S and O.

From the above condition, case2 and case1a get eliminated. Case1 shows the final arrangement.
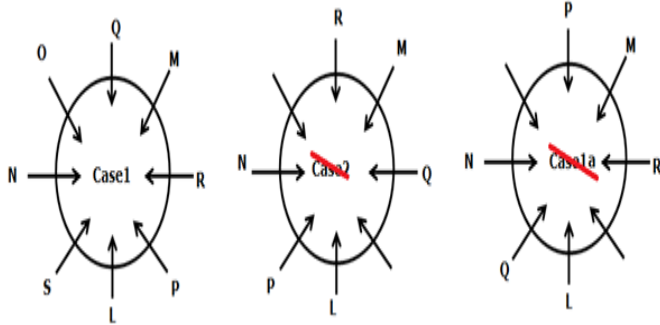
Directions (31-35):

31) Answer: A

32) Answer: C

33) Answer: D

34) Answer: B

35) Answer: E
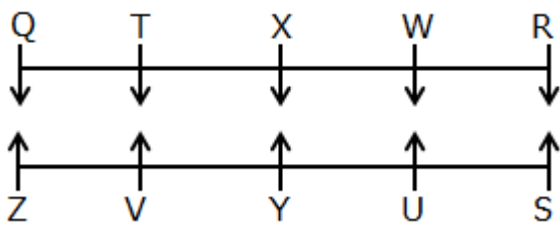
1. W sits second to the left of the one who faces towards V where neither of them sits at the ends of the row. S sits on the same row as V but is neither adjacent to V nor faces towards W.

Case 1:

Case 2:
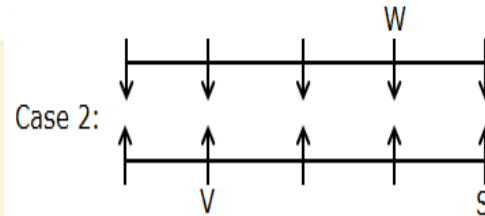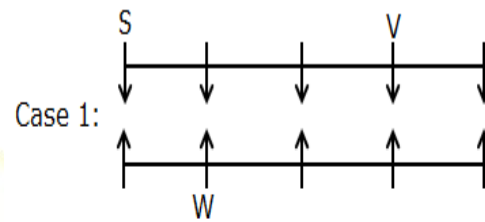
2. Y sits second to the left of S and faces towards the one who sits to the immediate left of T. The number of persons to the right of both T and U are same.

Case 1:

Case 2:
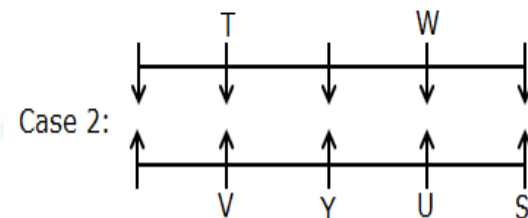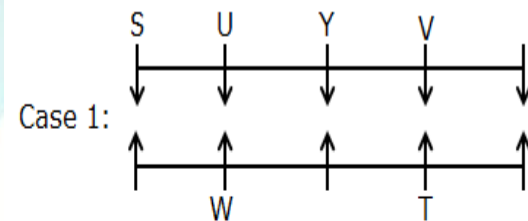
3. Z, who faces towards north, faces towards Q. X sits to the right of R but not in the same row as Z. Hence, case 1 gets eliminated.

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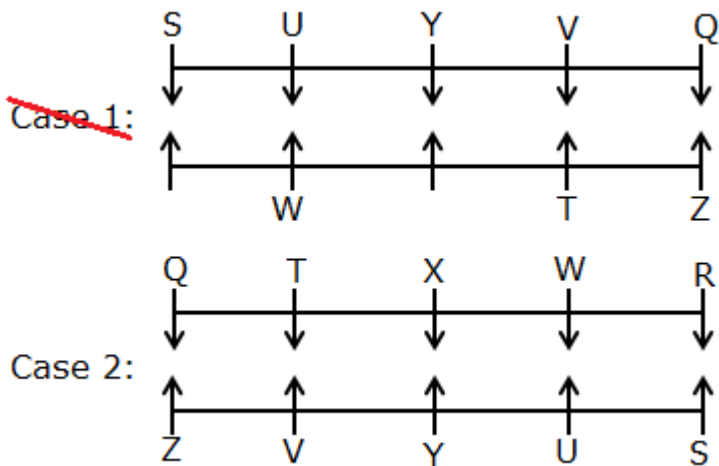
Directions (36-40):

36) Answer: A

37) Answer: B

38) Answer: A

39) Answer: D

40) Answer: C

From the given statements, there are three students sit between L and class 5 student. Here, we get two possibilities i.e. Case 1 and Case 2. Class 5 student sits immediate left of P. Q sits 3rd to the left of L. Class 7 student is an immediate neighbour of Q. Class 6 student sits 2nd to the right of class 7 student.
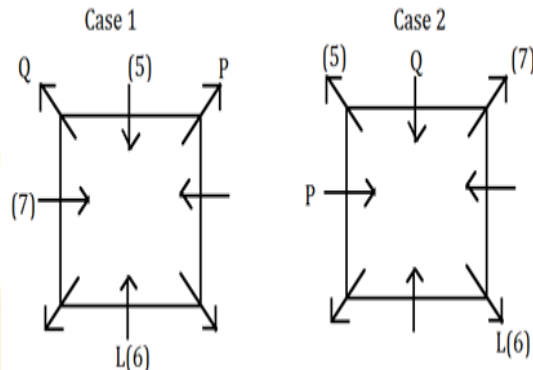
From the given statements, R who is in class 8, sits 3rd to the right of Q. S sits immediate right of J who is in class 9. Students of class 11 and 12 sit opposite to each other. Student of class 10 sits 2nd to the right of class 11 student. K who faces outside is not an immediate neighbor of Q. Here, Case 2 is ruled out.

So, final arrangement will be: -
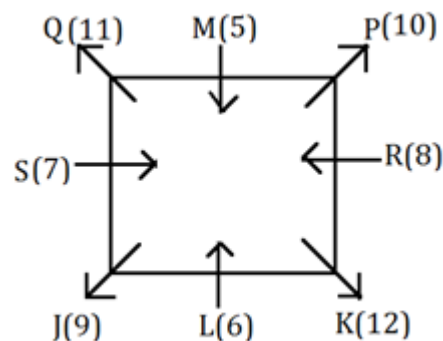
41) Answer: B
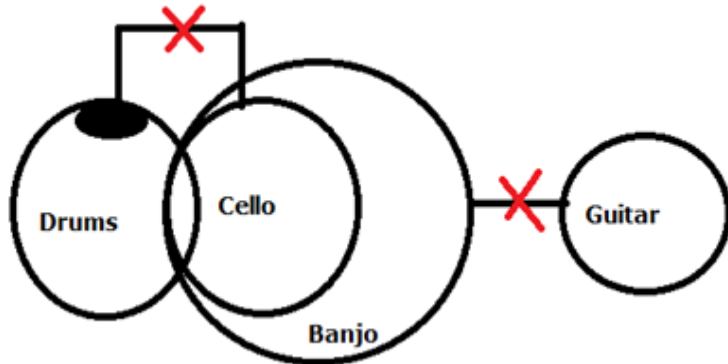
Only conclusion II follow.

42) Answer: E
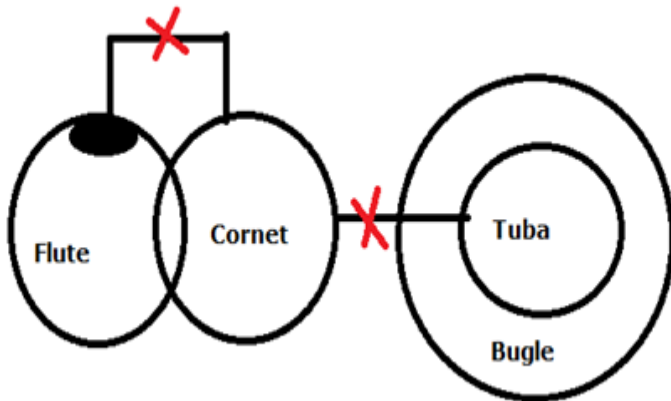
Both conclusions I and II follow.

43) Answer: D
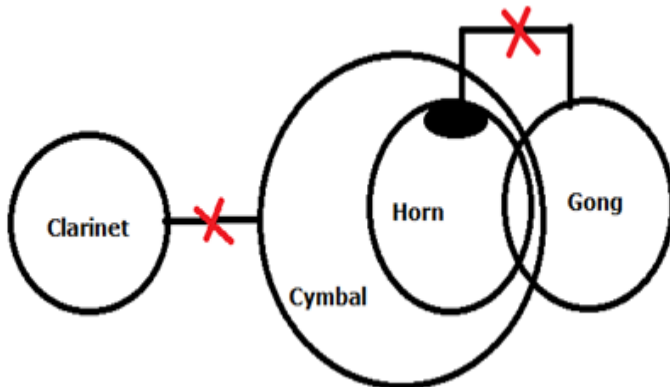
Neither conclusion I nor II follows.

44) Answer: A
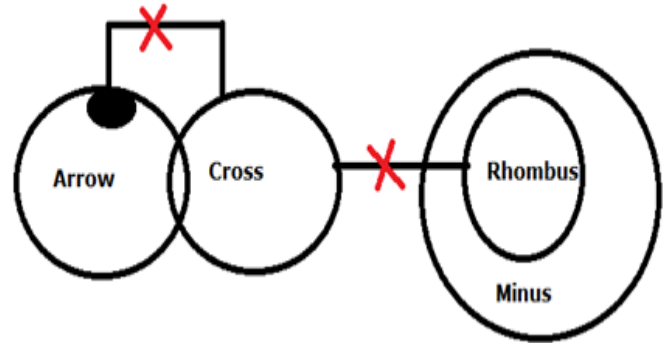
Only conclusion I follows

45) Answer: B
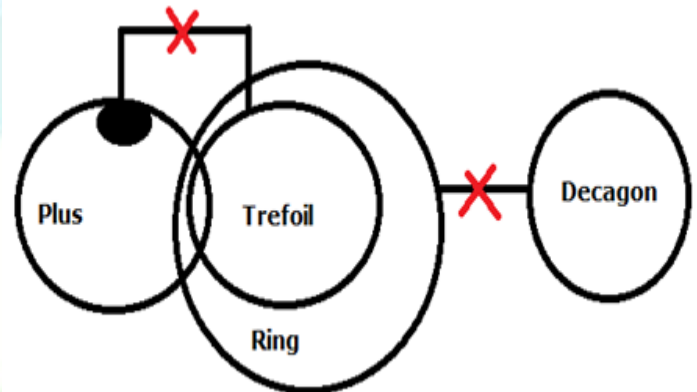
Only conclusion II follows

46) Answer: E

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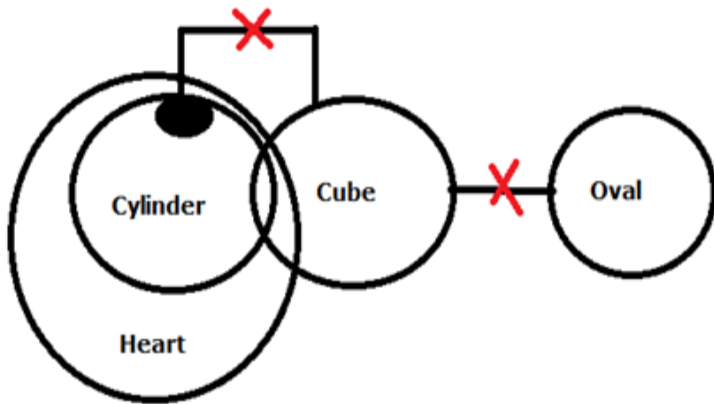
Both conclusions I and II follow.

47) Answer: C
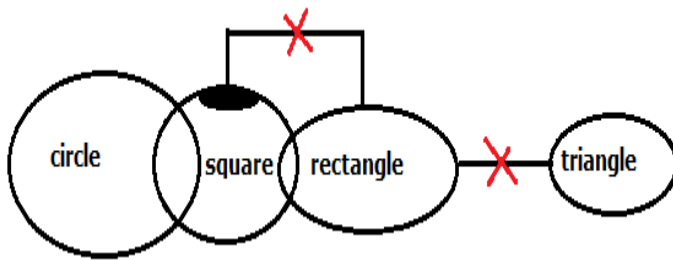
48) Answer: B
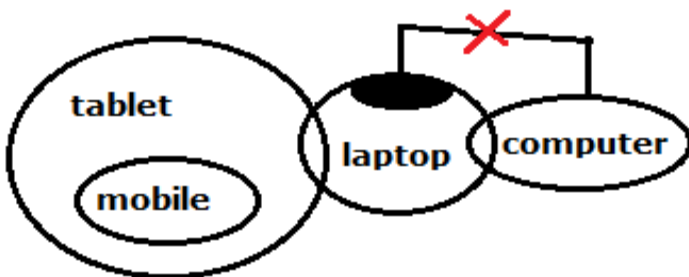
49) Answer: A
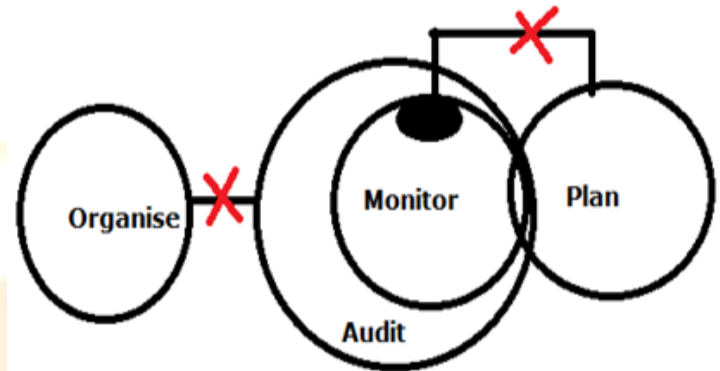
Only I follows

50) Answer: E
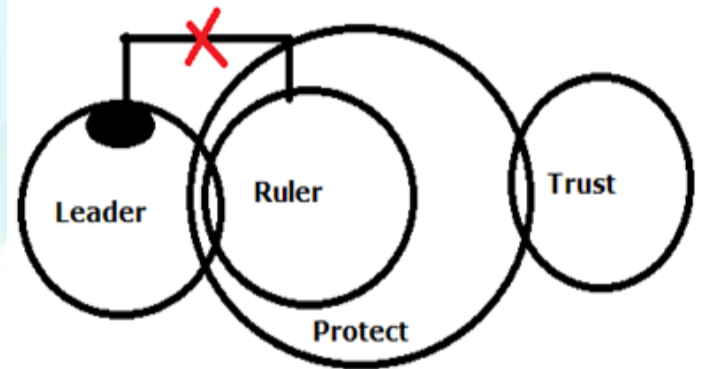
Neither I nor II follows

51) Answer: B
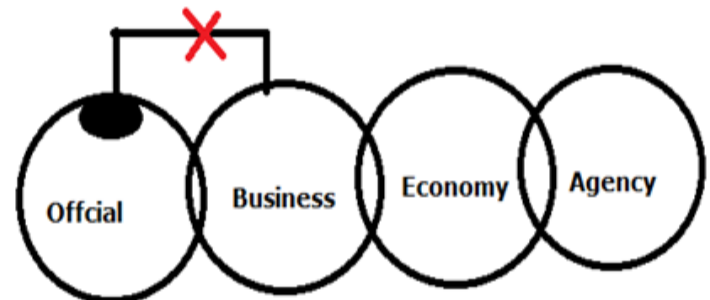
Either I or II follows

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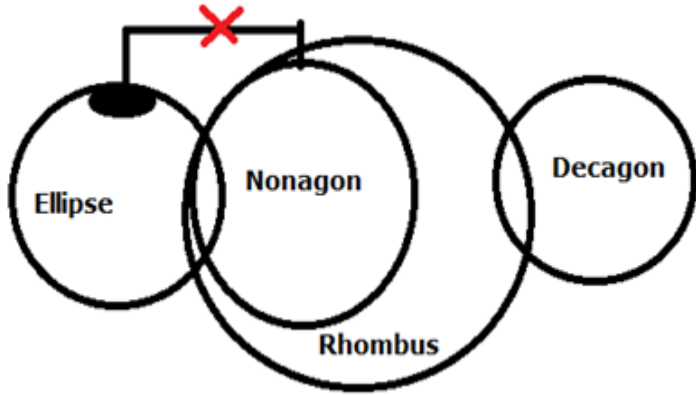
52) Answer: D

Neither conclusion I nor II follows.

53) Answer: D
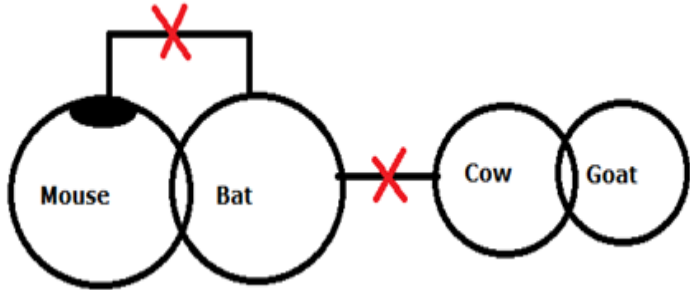
Neither conclusion I nor II follows.

54) Answer: A

G > Y ≥ T = U > D; R ≤ C < N = T > I

Conclusion:

I. C < G – C < N = T ≤ Y < G – True

II. D > I – D < U = T > I – False

55) Answer: C

N < K ≤ R = O > B; G = K ≥ W ≥ M = P

Conclusion:

I. P < O – P = M ≤ W ≤ K ≤ R = O – False

II. O = P – P = M ≤ W ≤ K ≤ R = O – False

Combining both, the conclusion is true.

56) Answer: D

K = T > S ≥ E > V; L < R = S ≥ W > Y

Conclusion:

I. W < E – W ≤ S ≥ E – False

II. T ≥ L – T > S = R > L – False

57) Answer: B

J ≤ R < C = U > N; D < W ≤ M < C > Q

Conclusion:

I. Q > R – Q < C > R – False

II. W < U – W ≤ M < C = U – True

58) Answer: C

I. Q > R (Q ≥ P = T ≥ O ≥ S = R) -> False

II. Q = R (Q ≥ P = T ≥ O ≥ S = R) -> False

Either conclusion I or II is true.

59) Answer: A

I. Q < F (Q ≤ V < B = F) ->True

II. V < J (V < B = F ≥ G < N < M < J) ->False

Only conclusion I is true

60) Answer: A

I. H < T (H ≤ Z < Y = I < A ≤ O < T) -> True

II. Y ≥ O (O ≥ A > I = Y) -> False

Only conclusion I is true

61) Answer: D

I.M > G (G ≤ I ≤ P = O ≤ T = M) -> False

II.X ≤ S (X < G ≤ I ≤ P = O ≤ T= M < S) -> False

62) Answer: E

Conclusions:

I. L > Z (L ≥ M > T > X > O > V > N=Z) -> True

II. N < M(M > T > X > O > V > N) -> True

III. T ≥ V(T > X > O > V) -> False

63) Answer: C

Conclusions:

I.C ≤ Z(C=B ≤ V < X ≤ K ≥ P < R < Z) ->False

II.V < K(V < X ≤ K) -> True

III.P > Z (P < R < Z) -> False

64) Answer: E

Conclusions:

I. S < Y(S < P ≤ K < L < Y) ->True

II. Y > B(Y ≥ M > R=B) ->True

III. K < M(K < L < Y ≥ M) ->False

65) Answer: A

Conclusions:

I.G < W(G < T > Y ≥ Z < D ≤ N < R < W) ->False

II.T < R(T > Y ≥ Z < D ≤ N < R) -> False

III.Y > N(Y ≥ Z < D ≤ N) -> False

66) Answer: B

Here the first letter is consonant and the last letter is Vowel, the codes of both are interchanged. Condition 2 follows

67) Answer: C

Here first and last letters are consonants, both are coded as code of the first letter. Condition1 follows

68) Answer: A

Here, the first letter and last letter are vowels both are coded as "%", Condition 3 follows

69) Answer: B

Here, the first letter is a vowel and the last letter is Consonants, both are coded as the code of the last letter. Condition 4 follows

Directions (70-73):

70) Answer: B

71) Answer: E

72) Answer: E

73) Answer: C

Word	Code
Learning	BGH
Training	AWE
Strength	KNE
Persistent	SEY
Proves	DFG
Depends	NRT
People	LEH
Improves/mental	CNR/WEM
Success/mind	UFG/XCT

Yogurt	35
Cheese	19
Butter	37
Cream	45
Ice-cream	52
Powder	28
Grain	14
Meat/Egg	60/54
Chocolate/Cereal	22/34

Directions (74-77):

74) Answer: A

75) Answer: E

76) Answer: D

77) Answer: C

Directions (81-83):

81) Answer: D

82) Answer: C

83) Answer: D

$$R(+) ===== K(-)$$
$$\downarrow$$
$$M(+) ===== O(-) ----- P(-) ===== L(+)$$
$$\downarrow \qquad \downarrow$$
$$N(+) \qquad Q(-)$$
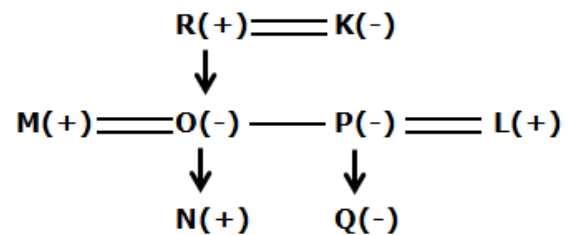
Directions (84-86):

84) Answer: C

85) Answer: D

86) Answer: B

Some	At	Chairs	mv
Are	Ps	wood	qr
All/is	Ez/ft	window	Ls
Two	Xr	opened	gm
Designed/well	Kg/lm		

Directions (78-80):

78) Answer: D

79) Answer: E

80) Answer: B

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$T^+ = K^-$

$E^+ = R^-$ F^- $W^+ = D^-$

N^+

E
10m
10m
D   C
5m
A   15m   B
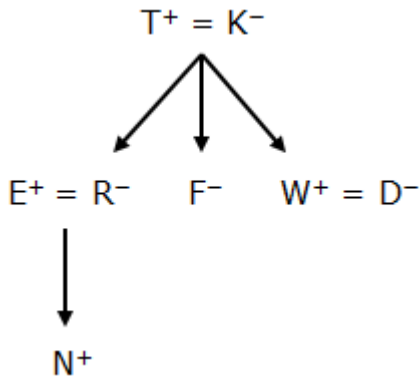
Directions (87-89):

87) Answer: B

88) Answer: B

89) Answer: D

Directions (93-94):

93) Answer: C

94) Answer: C

L   8m M   T

6m

N   10m

16m   5m   Q

O

6m

H   9m   V

Q   8m   V

8m

8m   16m

P   10m   R   S   W

15m

8m

T 4m U
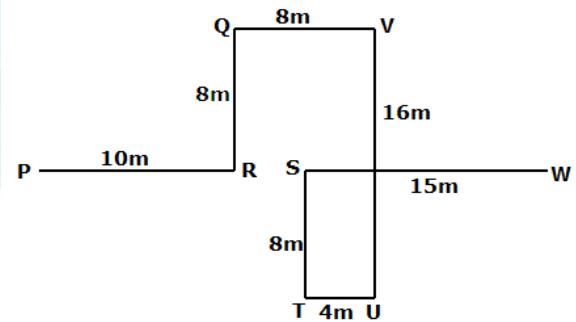
Directions (95-96):

95) Answer: C

96) Answer: C

Directions (90-92):

90) Answer: C

91) Answer: B

92) Answer: A

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M — 9km — I
C — 8km — A
6km
10km
B
18km
12km
H — 5km — V
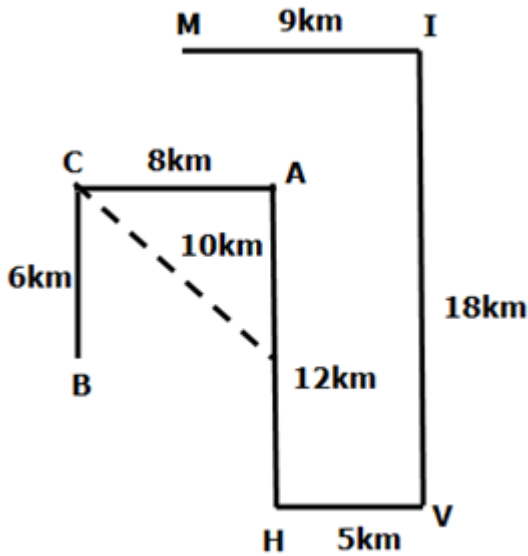
97) Answer: B

H(78) > T > B(53) > P > M(17) > Y

98) Answer: D

H(78) > T(64) > B(53) > P > M (17) > Y

99) Answer: C

H(78) > T > B(53) > P(46) > M(17) > Y

Directions (100-102):

T>H>L>V>O>R(Rs.9000)

100) Answer: B

101) Answer: C

R+T=25000*2=50000

T=50000-9000=41000

T+L=32000*2=64000

L= 64000-41000=23000

T+L+R=41000+23000+9000=Rs73000

102) Answer: E

103) Answer: D

IDENTIFICATION

ACDEFIIIINNOTT

104) Answer: A

7 1 8 4 2 6 3 9

105) Answer: E

C O N S T R U C T I O N

106) Answer: C

682497315

987654321

107) Answer: B

INFRASTRUCTURE
ERUTCURTSARFNI

108) Answer: C

M % 7 O P 0 T # H G 9 * 5 Y J 8 B 6 @ R 2 V Z $
1 C 3 E L ^ F $ W 4 U N ¥ I £

M 7 O P 0 T H G 9 5 Y J 8 **B** 6 **R** 2 V Z 1 **C** 3 E L F
W 4 U N I

109) Answer: B

M % 7 O P 0 T # **H** G 9 * 5 Y J 8 B 6 @ R 2 V Z $
1 C 3 E L ^ F $ W 4 U N ¥ I £

110) Answer: B

M **%** 7 O P 0 T # H G 9 * 5 Y J 8 B 6 @ R 2 V
Z **$** 1 C 3 E L ^ F $ W 4 U N ¥ I £

111) Answer: E

M % 7 O **P** 0 T # H G 9 * 5 Y **J** 8 B 6 @ **R** 2 V Z $
1 C 3 **E** L ^ F $ W 4 **U** N ¥ I £

All the letters are adjacent to a letter and a number
except R which is adjacent to a symbol and a
number.

112) Answer: D

Given series

596 153 284 716 325

569 135 248 167 235

113) Answer: D

Given series

596 153 284 716 325

After the third digit dropped

59 15 28 71 32

The first and second digits are interchanged

95 51 82 17 23

114) Answer: A

Given series

596 153 284 716 325

After interchanged

569 135 284 761 352

115) Answer: E

Given series

596 153 284 716 325

20 09 14 14 10

20+14+14+10=58

116) Answer: C

OWN --> WON, OPT --> POT

117) Answer: A

OPT, NOS

118) Answer: D

GOD --> DOG, NOS --> SON, TEN --> NET

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119) Answer: E

OXO, HOE, OQU, OOT, UEO

Directions (120-124):

120) Answer: E

121) Answer: A

122) Answer: E

123) Answer: B

124) Answer: D

Steps	Case 2	
	Staircase-1	Staircase-2
5	M (26)	G (58)
4	K (15)	N (61)
3	F (62)	L (74)
2	I (35)	H (23)
1	O (48)	J (72)

- There is one step between I and the person who has 61 notes and they both are standing on the different numbered staircase.
- There is no step between the step which is immediately above K and the step immediately above the person who has 62 notes and they both are standing on the same numbered staircase.
- K is above the one who has 62 notes.

- O has three more than thrice the notes of K but does not stand on the adjacent step of K.
- J has two more than twice the notes of I and stands on the same step of O.

Steps	Case 1		Case 2	
	Staircase-1	Staircase-2	Staircase-1	Staircase-2
5	O/J	O/J		
4	I		K	(61)
3			(62)	
2	K	(61)	I	
1	(62)			O/J	O/J

- Two steps are there between the person who has 23 notes and G.
- M has 26 notes and stands on the same numbered staircase as O but a different numbered staircase as H and G.
- L stands immediately below N's step in the same staircase and has two notes more than J.

Here J is standing at an odd-numbered position means J has an even number of notes, so L also has an even number of notes.

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Steps	Case 1		Case 2	
	Staircase-1	Staircase-2	Staircase-1	Staircase-2
5	O	J	M (26)	G
4	I	N (23)	K	N (61)
3	M (26)	L	F (62)	L
2	K	H (61)	I	H (23)
1	F (62)	G	O	J

- The person standing immediately below F has four more than half the notes of F. This eliminates case 1.

So, F=62, I=35, J=72, L=74.

- The difference between notes of G and N is 3.

Here G has either 64 notes or 58 notes but G cannot have 64 notes as the sum of digits should be odd according to the position of G. So, G has 58 notes.

- The sum of notes of L and I is one less than the sum of notes of F and O.

Here O=48 and K=15.

Steps	Case 1		Case 2	
	Staircase-1	Staircase-2	Staircase-1	Staircase-2
5	O	J	M (26)	G (58)
4	I	N (23)	K (15)	N (61)
3	M (26)	L	F (62)	L (74)
2	K	H (61)	I (35)	H (23)
1	F (62)	G	O (48)	J (72)

Directions (125-129):

125) Answer: D

126) Answer: A

127) Answer: B

128) Answer: B

129) Answer: A

We have:

- Two persons are sitting between G and B.
- A person sitting immediate left of B sits third to the left of D.

That means, in case (1) B sits third to the left of G, in case (2) B sits third to the right of G.

Based on the above given information we have:
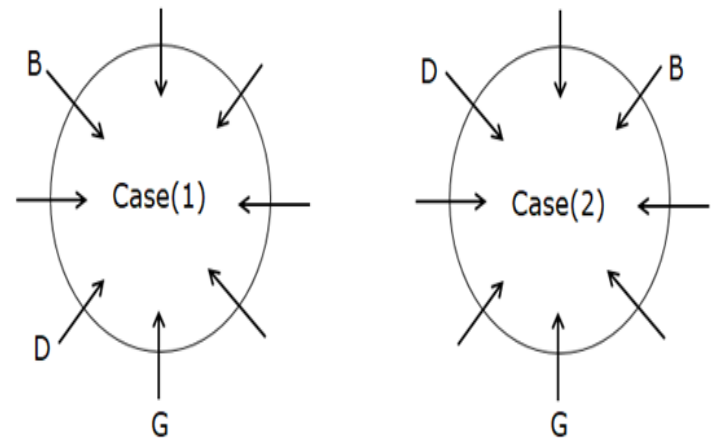
Again, we have:

- Neither D nor B sits adjacent to X, who doesn't sit adjacent to W.
- A person sitting immediate right of X sits two places away from M.

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- M neither sits adjacent to G nor Z, who doesn't sit adjacent to K.
- A person facing M sits second to the right of W.
- W neither sits adjacent to B nor K.

That means, in case (1) in case (1) X sits immediate right of G, in case (2) X sits immediate right of G.

Since, Z and K are not sitting together, thus case (1) is not valid.

Based on the above given information we have:
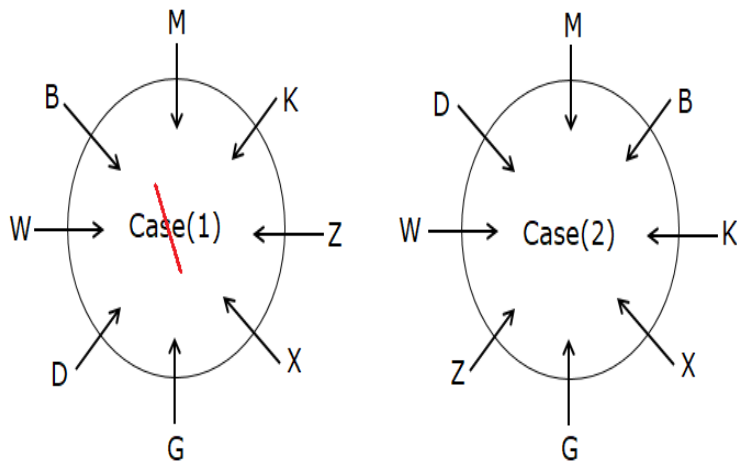
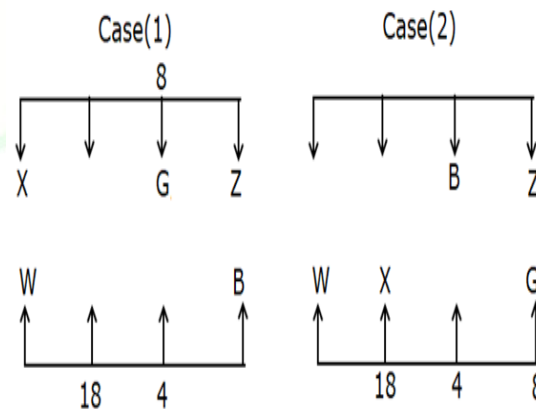Case (1) is not valid as K and Z are not sitting together.

Arrangement 2:

Eight persons are sitting in two parallel rows in such a way that four persons are sitting in row 1 facing south and the remaining four persons are sitting in row2 facing north. The person sitting in row 1 sits facing the person sitting in row 2. Each person likes different numbers viz.- 4, 6, 7, 8, 9, 11, 15, and 18. All the information is not necessary in the same order.

- The one who likes 4 sits second to the right of W.
- W sits diagonally opposite to the one who sits immediate left of G in arrangement 1.
- A person sits second to the right of Z sits facing the one who likes 18.
- W sits at the left end of row2.
- One person sits between X and G, who likes 8.
- The one who sits facing G sits immediate left of B, who likes an odd number.

That means, in case (1) X sits facing W, in case (2) X sits immediate right of W.

Based on the above given information we have:

Again, we have:

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- One person sits between the one who likes 9 and the one who sits facing X in arrangement 1.
- The one who sits facing D sits immediate left of the one who likes 11.

That means, in case (1) D sits immediate right of W, in case (1a) D sits second to the right of W, in case (2) D sits second to the right of W.

Based on the above given information we have:

Case(1) | Case(1a) | Case(2)

11 8

X G Z

W D B

18 4 9

11 8

X G Z

W D B

9 18 4

11

B Z

W X D G

9 18 4 8
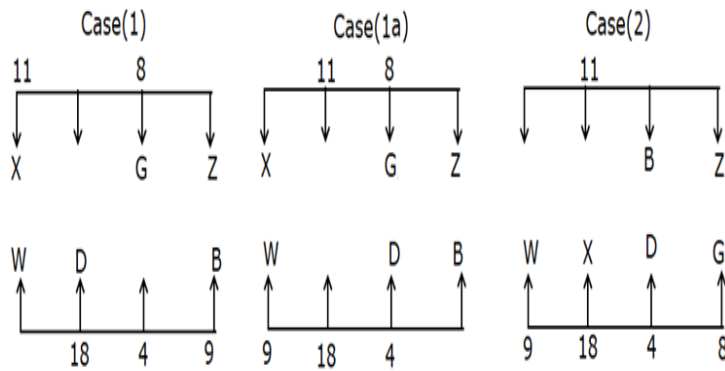
Again, we have:

- The sum of the number liked by K and B is equal to the number liked by Z.
- K neither sits adjacent to B nor likes a prime number.

Since, only possible such combination is (6, 9, and 15).

That means, in case (1) K sits immediate left of X, case (2) and case (1a) not valid.

- M and the one who likes 7 is sitting in the same row.

That means, in case (1) W likes 7

Based on the above given information we have:

Case(1) | Case(1a) | Case(2)

11 6 8 15

X K G Z

W D M B

7 18 4 9

11 8

X G Z

W D B

9 18 4

11 15

K M B Z

W X D G

9 18 4 8
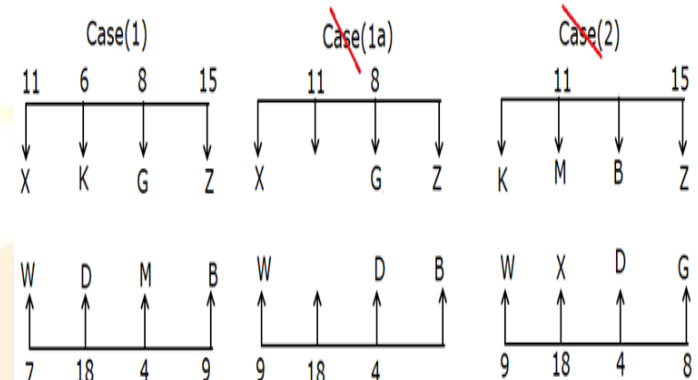
Case (1a), and case (2) is not valid because The sum of the number liked by K and B is equal to the number liked by Z.

Arrangement 3:

All persons are sitting at a square table in such a way that one person sits on the middle of each side facing the centre whereas one person sits on each corner facing away from the center.
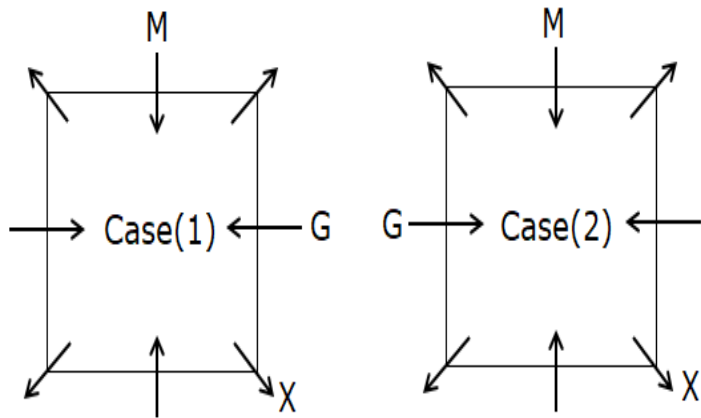
- A person who likes 4 in arrangement 2 sits facing the one who sits immediate right of X.
- One person sits between M and the one who sits second to the right of W in arrangement 1.

That means, in case (1) G sits immediate left of X, in case (2) G sits third to the right of X.

Based on the above given information we have:

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Again, we have:

- Z neither sits adjacent to G nor X.
- Two persons are sitting between Z and the one who sits facing D in arrangement 2.
- K neither sits adjacent to G nor M.

That means, in case (1) M sits immediate right of Z, in case (2) M sits immediate left of Z.

- W sits third to the right of D, who doesn't sit adjacent to M.

That means, in case (2) D sits second to the right of K, case (1) is not valid.

Based on the above given information we have:
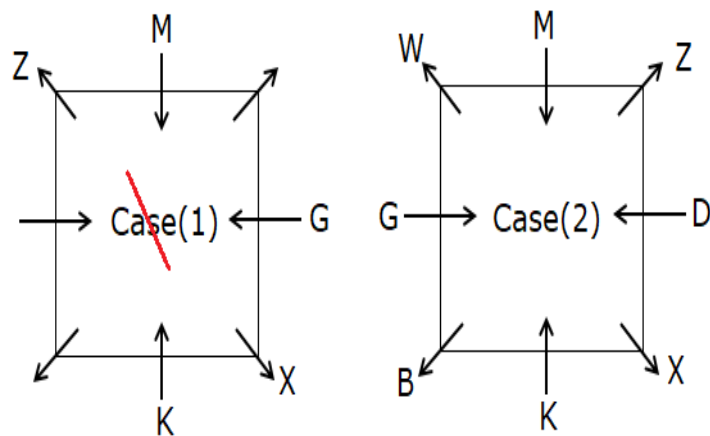
Case (1) is not valid as W sits third to the right of D, who doesn't sit adjacent to M.

Directions (130-134):

130) Answer: C

131) Answer: A

132) Answer: B

133) Answer: A

134) Answer: E
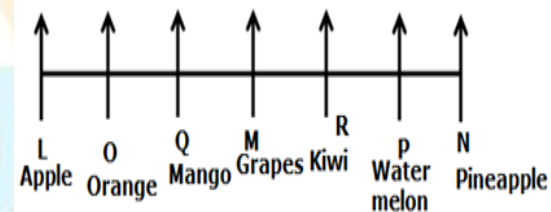
We have,

- Q sits second to the left of the one who likes Kiwi.
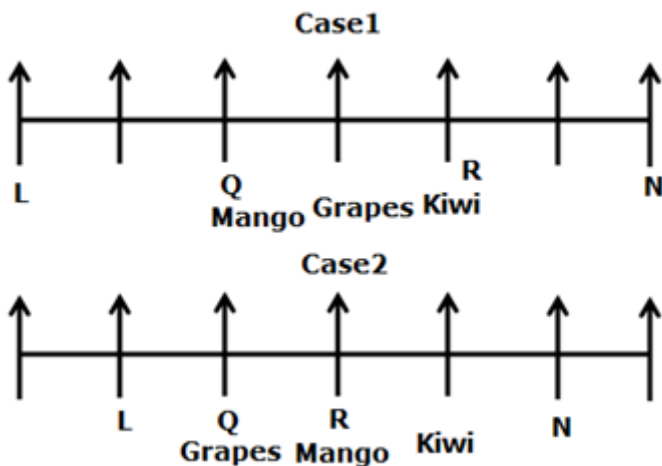- Q sits third from the left end.
- L sits to the left of Q.

From the above condition, there are two possibilities.

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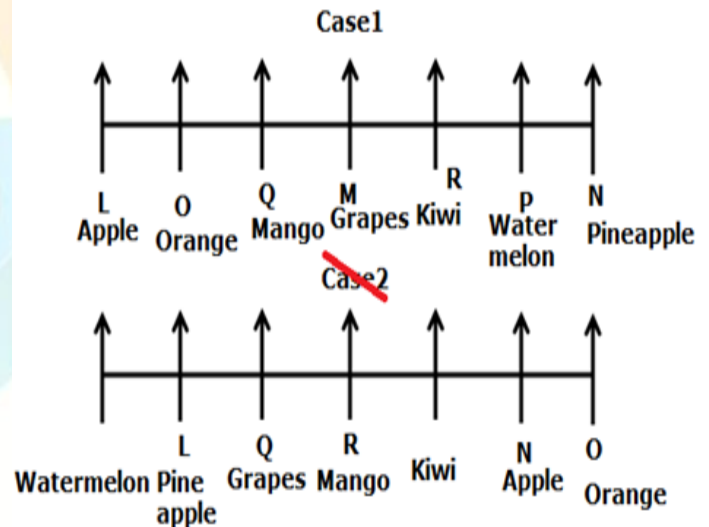
Case1

Case2

Again we have,

- The one who likes Mango sits second to the right of L.
- N sits second to the right of R who sits immediate right of the one who likes Grapes.
- L and R are not immediate neighbours.

Case1

Case2

Again we have,

- The one who likes Apple sits immediate left of O.
- The one who likes Pineapple sits immediate right of the one who likes Watermelon.
- M likes neither Watermelon nor Kiwi.

From the above condition, case2 gets eliminated because M does not like both watermelon and Kiwi. Case1 shows the final arrangement.

Case1

Case2

Directions (135-138):

135) Answer: B

136) Answer: A

137) Answer: E

138) Answer: C

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Case 2	
Years	**Person(Age)**
1975	P(45)
1980	W(40)
1989	T(31)
1992	V(28)
1997	S(23)
2002	R(18)
2004	U(16)
2013	Q(07)

- There are only two persons born between R and T, who is born in 1989.
- The age of W is equal to the last two digits of the birth year of U.
- The difference between the ages of T and U is 15 years.
- U was born immediately after R.

Case 1	
Years	**Person(Age)**
1989	T(31)
	R
2004	U(16)
2016	W(04)

Case 2	
Years	**Person(Age)**
1980	W(40)
1989	T(31)
	R
2004	U(16)

- Q is born two persons after R.
- The age of T is equal to the last two digits of the birth year of Q.
- The sum of ages of Q and R is two more than the age of S.
- Not more than three persons are born between R and W.
- The age of R is 18 years.

Here, we can say that S is 23 years old.

Case 1	
Years	**Person(Age)**
1989	T(31)
2002	R(18)
2004	U(16)
2013	Q(07)
2016	W(04)

Case 2	
Years	**Person(Age)**
1980	W(40)
1989	T(31)
2002	R(18)
2004	U(16)
2013	Q(07)

- The number of persons born before R is one more than the number of persons born after V.
- The difference between the ages of W and P is 5 years.

Here in case 1, P's age can be 9 years. This means P was born between U and Q, which is not

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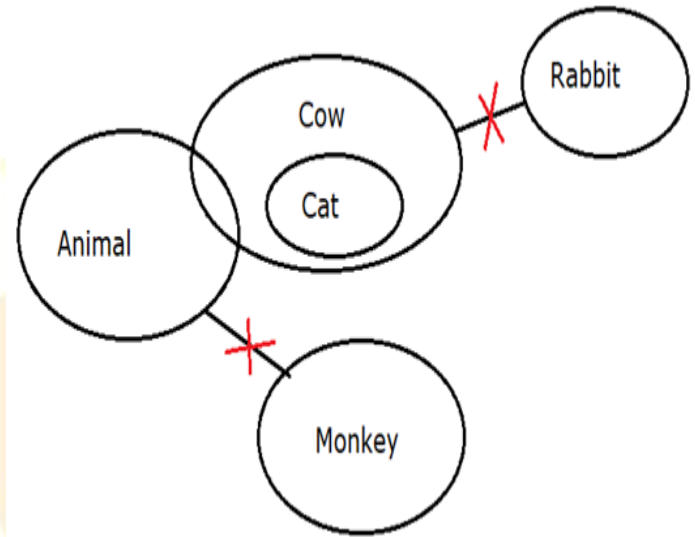possible as Q was born two persons after R. Thus case 1 is eliminated.

- In case 2, P's age must be 45 years because not more than three persons are born between R and W.

- The sum of the ages of V and P is two more than the sum of the ages of W and T. In case 2, V+P-2=W+T, this gives V's age = 28.

Case 1	
Years	**Person(Age)**
1989	T(31)
2002	R(18)
2004	U(16)
2013	Q(07)
2016	W(04)

Case 2	
Years	**Person(Age)**
1975	P(45)
1980	W(40)
1989	T(31)
1992	V(28)
1997	S(23)
2002	R(18)
2004	U(16)
2013	Q(07)

139) Answer: A

Form I:

140) Answer: D

From III:

141) Answer: A

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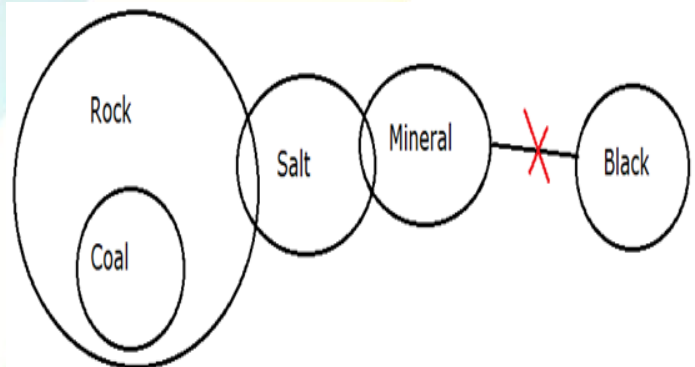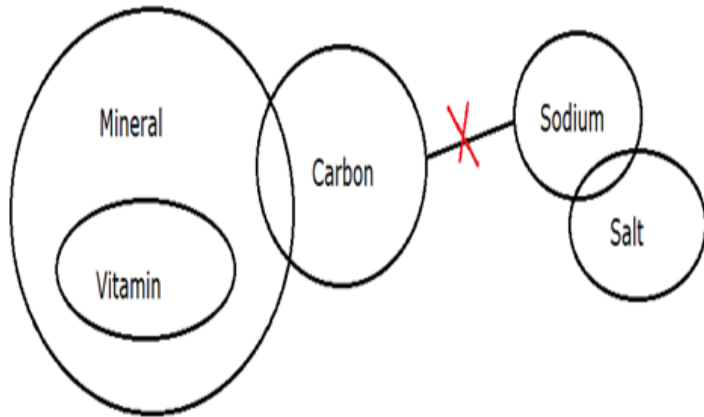
142) Answer: C
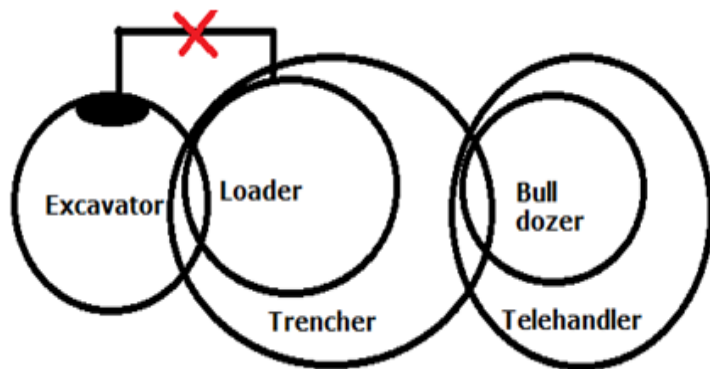
143) Answer: B
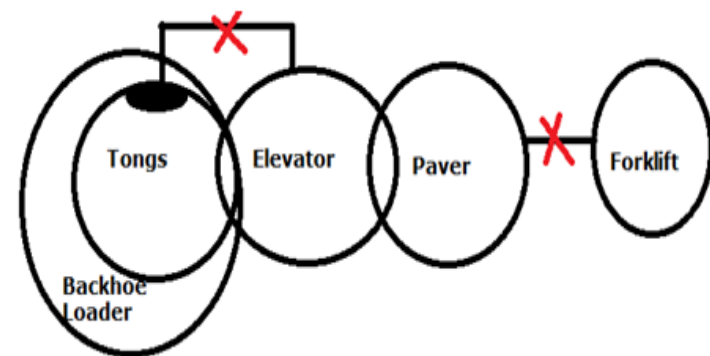
144) Answer: B
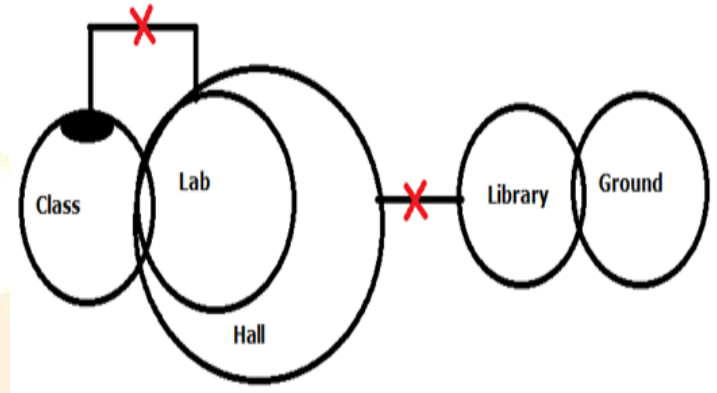
145) Answer: E
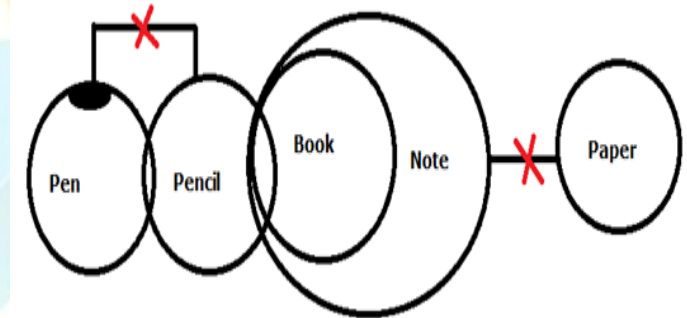
146) Answer: C

Form I: B > Q (B > R = S > Z ≤ L = Q) → False

From II: Z < H (H > T ≥ R = S > Z) → True

From III: Q = B (B > R = S > Z ≤ L = Q) → False

Hence, only conclusion II is true.

147) Answer: E

Form I: W > U (W = K ≥ M < S = G > U) → False

From II: Q < L (Q ≤ T < W = K ≥ M = L) → False

From III: Z > U (Z > L = M < S = G > U) → False

Hence, none of the conclusions are true.

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148) Answer: E

Form I: H > M (H > Q = S > T ≤ W = M) → False

From II: S < T (Q = S > T ≤ W = M > Z ≥ Y) → False

From III: Q ≥ T (Q = S > T ≤ W = M > Z ≥ Y) → False

Hence, None is true

Directions (149-152):

149) Answer: E

150) Answer: A

151) Answer: C

152) Answer: D

I. T ≤ B (B ≥ N > G > T)→False

II. L ≤ T (L ≤ S = H ≤ J ≤ R = T) →True

III. S < N (S = H ≤ J ≤ R = T < G < N)→True

153) Answer: B

I. L > A (A < O ≤ I < N = R ≤ L)→True

II. B ≤ Y (B < O ≤ I < N = R = Y) →False

III. A > R (A < O ≤ I < N = R)→ False

Directions (154-158):

We have:

For Letter: If the number of letters in the word is even then, the previous letter of the reverse letter in English alphabetical series of the first letter or if the number of the letter of the word is odd then, the next letter of the reverse letter in English alphabetical series of the first letter.

E. x) **Core**, which has an even number of letters → Reverse letter of C is X and the previous letter of X is W

For symbol: The symbol represents the number of letters in the word.

If the number of letters is four → @

If the number of letters is five → %

If the number of letters is six →&

For number: If the number of letters in the word is even, then the sum of the place value of the first and last letter in alphabetical series or if the number of letters in the word is odd, then the difference of the place value of the first and last letter in alphabetical series.

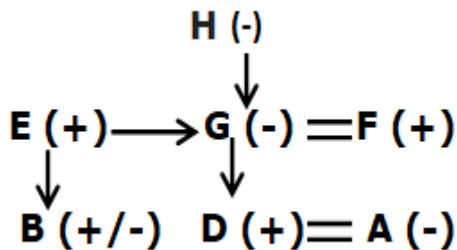**154) Answer: B**

155) Answer: C

156) Answer: B

157) Answer: E

158) Answer: D

$$P\,(-) \qquad M(+/-)$$
$$\downarrow \qquad\qquad \downarrow$$
$$Q\,(+) = R\,(-) \longrightarrow O\,(+/-) \longrightarrow T\,(+) = V\,(-)$$

159) Answer: A

H (-)
↓
E (+) ——→ G (-) = F (+)
↓   ↓
B (+/-)   D (+) = A (-)

Directions (160-163):

160) Answer: C

161) Answer: E

$T^-(21) = V^+(6)$ $S^+(37)$

$Q^-(22)$ $U^+(8) = R^-(13)$

$Y^+(17)$ $W^-(26)$

Directions (162-164):

162) Answer: C

163) Answer: D

164) Answer: B

[Figure: path diagram with points B, E, D, H, G, A, K, C, F and distances 15m, 25m, 12m, 20m, 18m, 8m, 36m, 18m, 28m]
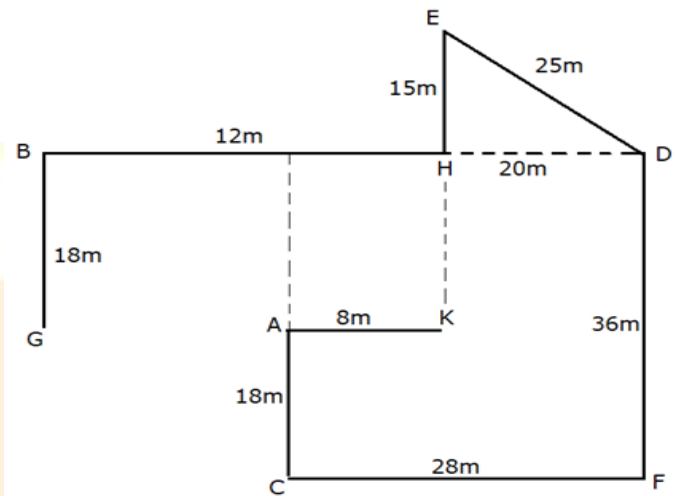
Directions (165-166):

165) Answer: B

166) Answer: C

We have:

[Figure: path diagram with points F, M, P, Y, L, B, G, K, W, U and distances 8m, 16m, 20m, 13m, 12m, 15m, 12m, 5m, 8m, 9m, 8m]
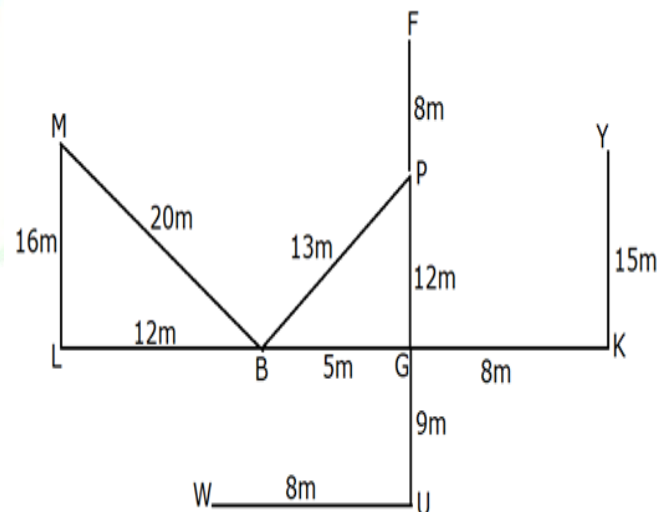
Directions (167-168):

167) Answer: C

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168) Answer: D

We have,

- City G has four bunks more than city E.
- City C has less bunk than only one city.
- The number of cities have more bunks than G is the same as the number of cities have less bunks than D.
- City D has three bunks more than City G.

_ > C > D >_ > G > _ > _

- City A has less bunk than city E.
- The difference between the bunks in cities D and F is twice the difference between the bunks in cities F and G.
- City G has thrice the betrol bunk of City A has.
- The city which has the second-lowest number of bunks has five bunks.

B > C > D(12) > F(10) > G(9) > E(5) > A(3)

Directions (169-170):

From the given information, the following was determined.

H (27000) > K (23000) > G (19000) > I (15000) > F (11000) > J (7000) > E (3000)

169) Answer: C

170) Answer: D

171) Answer: B

I. CIRCUIT->EKTEWKV->EEKKTVW

II.DIGITAL->FKIKVCN->CFIKKNV

III.EXPLAIN->GZRNCKP->CGKNPRZ

172) Answer: B

I. 2 5 4 8 5 7 6 9 7 3 1 5

4 2 6 5 7 4 8 6 9 0 3 2

0 2 2 3 4 **4** 5 6 **6** 7 8 9 => 3 digits

II. 6 5 4 8 5 6 1 8 4 6 5 4 1 3

8 2 6 5 7 3 3 5 6 3 7 1 3 0

0 1 2 3 3 **3** 3 5 5 6 6 7 7 8 => 3 digits

III. 5 6 4 9 1 8 4 9 1 7 0 6 2 3 3

7 3 6 6 3 5 6 6 3 4 2 3 4 0 5

0 2 3 3 **3** 3 4 4 5 5 6 6 6 6 7 => 1 digit

Hence, option B is correct.

173) Answer: C

From I: ARYAVART -> TY

From II: COMPUTER -> MR, UT, and TR

From III: GRAPHICS -> PH, and HI

Hence, both II and III follow

174) Answer: C

I. Acid, Area, Shut, Text

After arrangement: idca, reaa, utsh, xtte

=>C, A, S, T

II. Rain, Tent, Sell, Word

After arrangement: rnia, ttne, slle, wrod => I, N, L, O

III. Past, Root, Sort, Twit

After arrangement: tspa, troo, tsro, wtti=>P, O, R,T

IV. Base, Away, Hunt, Skin

After arrangement: seba, ywaa, utnh, snki =>B, A, N, K

Hence, option C is correct.

175) Answer: E

Male candidates appeared in SBI PO prelims = 2/5 * 18000 = 7200

Female candidates appeared in SBI PO prelims = 3/5 * 18000 = 10800

Male candidates cleared in SBI PO prelims = 60/100 * 7200 = 4320

Female candidates cleared in SBI PO prelims = 40/100 * 10800 = 4320

Difference = 4320 – 4320 = 0

176) Answer: D

Data inadequate

177) Answer: C

Number of male candidates appeared in IBPS Clerk prelims = 2/5 * 60000 = 24000

Number of male candidates cleared prelims = 40/100 * 24000 = 9600

Number of female candidates appeared in IBPS Clerk prelims = 3/5 * 60000 = 36000

Number of female candidates cleared prelims = 30/100 * 36000 = 10800

Required Sum = 9600 + 10800 = 20400

178) Answer: A

Male candidates cleared in LIC AAO Prelims = 24000 * 45/100 = 10800

Male candidates cleared in RBI Grade B prelims = 10800 * 120/100 = 12960

179) Answer: A

Male candidates cleared in IBPS PO prelims = 20/100 * 18000 = 3600

Female candidates cleared in IBPS PO prelims = 40/100 * 48000 = 19200

Male candidates cleared in SBI Clerk prelims = 12000 * 25/100 = 3000

Female candidates cleared in SBI Clerk prelims = 24000 * 20/100 = 4800

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Difference = (19200 + 4800) – (3600 + 3000) = 17400

180) Answer: D

let A watched 12x & 17x Tollywood movies in 2020&2019,respectively.

ATQ, 17x = 54 - 20 = 34

x = 2

Kollywood movies watched by A in 2020 = 48 - 12x = 24

Required % = 24/(54+48) x 100 = 23 9/17 %

181) Answer: B

Total movies watched in 2019 = 54 + 36 + 42 = 132

Total movies watched in 2020 = 48 + 64 + 68 = 180

Required difference = 180 – 132 = 48

182) Answer: A

Total movies watched by C = 42 + 68 = 110

Total movies watched by B = 36 + 64 = 100

Required % = (110-100)/100 x 100 = 10 % more

183) Answer: E

Movies watched by A in 2021 = 150/100 x 48 = 72

Movies watched by B in 2021= 150/100x 64= 96

Required average = (72+96)/2 = 84

184) Answer: C

So,

75% of the movies watched by A in 2020 are screened in Modern theatre= 48 * 3/4 = 36

25% of movies watched by B in 2019 are screened in Modern theatre= 36*1/4 = 9

Total = 36+9 = 45

Directions (185-189):

City	The total number of employees	The total number of other employees	The total number of hardware and software developers	The total number of hardware developers	The total number of software developers
Kolkata	1600	3/8*1600=600	1000	550	450
Surat	2400	1/6*2400=400	2000	1200	800
Pune	3500	2/7*3500=1000	2500	900	1600
Jaipur	1800	1/3*1800=600	1200	450	750
Indore	1100	1/11*1100=100	1000	650	350

185) Answer: A

The number of software developers in Pune=1600

The number of software developers in Surat=800

The difference between the number of software developers in Pune and Surat=1600-800 =800

The number of hardware developers in Pune=900

The number of hardware developers in Kolkata=550

The difference between the number of hardware developers in Pune d Kolkata=900-550 =350

Required ratio=800:350=16:7

186) Answer: D

The number of software developers in Jaipur=750

The number of female software developers in Jaipur=750/5*2=300

The number of software developers in Indore=350

Required percentage= (350-300)/300*100=50/300*100=16.67% more

187) Answer: B

The number of employees in Surat present=2400

The number of employees in Surat next year=2400*13/12=2600

The number of other employees in Surat present=400

The number of employees in Surat next year=400/2*3=600

The number of hardware and software developers in Surat next year=2600-600=2000

188) Answer: C

The number of hardware developers in Surat=1200

The number of other employees in Kolkata and Jaipur=600+600=1200

Required difference=4/3*1200-3/4*1200=1600-900=700

189) Answer: B

The number of hardware developers in Kolkata=550

The number of hardware developers in Chennai=675

The number of software developers in Kolkata=450

The number of software developers in Chennai=450+275=725

The number of hardware and software developers in Chennai =675+725=1400

The total number of employees in Pune=3500

Required percentage=1400/3500*100=40%

Direction (190-194):

The total number of books in all the libraries together = 12000

Number of books in library A = 20% of 12000 = 2400

Number of medical related books in library A = 5% of 2400 = 120

Number of non-medical related books in library A = 2400 - 120 = 2280

Similarly, we can calculate the number of books in other libraries

Library	Total number of books	Number of Medical related books	Number of Non-medical related books
A	2400	120	2280
B	1800	180	1620
C	2400	600	1800
D	1200	480	720
E	4200	840	3360

190) Answer: B

Required % = (180/120) * 100

= 150%

191) Answer: A

Number of engineering related books = 1800 * (100 – 25 – 15)/100 = 1080

192) Answer: C

Required average = (480+600+180)/3 = 1260/3 = 420

193) Answer: B

Number of books in F = 125/100 * 2400 = 3000

Number of medical related books in F = 840-120 = 720

Number of non medical related books in F = 3000 – 720 = 2280

194) Answer: E

Required angle = 35/100 * 360 = 126^0

Direction (195-199):

Total number of male = (70000 + 4000)/2 = 37000

Total number of female = 70000 – 37000 = 33000

Number of female vaccinated in May = 2/11 * 33000 = 6000

Total number of persons vaccinated in April = 12000

Number of male vaccinated in April = 6000 * 1/2 = 3000

Number of female vaccinated in April = 12000 – 3000 = 9000

Number of male vaccinated in June = 4/1 * 3000 = 12000

Number of female vaccinated in July = 12000 * 7/12 = 7000

Number of female vaccinated in March and June = 33000 – 6000 – 9000 – 7000 = 11000

Ratio of the number of female vaccinated in March and June = 120:100 = 6:5

Number of female vaccinated in March = 6/11 * 11000 = 6000

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Number of female vaccinated in June = 5/11 * 11000 = 5000

Number of male vaccinated in March = 4/7 * 7000 = 4000

Number of male vaccinated in May and July = 37000 – 4000 – 3000 – 12000 = 18000

Number of male vaccinated in July = (18000 + 2000)/2 = 10000

Number of male vaccinated in May = 18000 – 10000 = 8000

195) Answer: E

Required ratio = (5000 + 12000):(7000 + 10000)

= 17000:17000

= 1:1

196) Answer: C

Required ratio = 6000/(6000 + 4000) * 100 = 60%

197) Answer: C

Number of female vaccinated on April, May and June = 9000 + 6000 + 5000 = 20000

Number of male vaccinated on April, May and June = 3000 + 8000 + 12000 = 23000

Difference = 23000 – 20000 = 3000

198) Answer: A

Required ratio = 7000:10000 = 7:10

199) Answer: B

Required total = 3000 + 18000 = 21000

200) Answer: A

The number of persons who bought Lays in February, March and May together= 140+150+100=390

The average number of persons who bought Lays in February, March and May= 390/3=130

The number of persons who bought Bingo in February, March and May together= 120+300+120=600

The average number of persons who bought Bingo in February, March and May= 600/3=200

Required difference=200-130=70

201) Answer: D

The total number of persons who bought chips in January=210+360+130=700

The total number of persons who bought chips in June=700*128.56/100=9/7*700=900

The total number of persons who bought chips in April=225+175+200=600

Required ratio=900:600=3:2

202) Answer: C

The number of persons who bought Bingo in March=300

The number of persons who bought Little hearts in March=300*7/5=420

The number of people who bought Bingo in January=360

Required percentage=(420-360)/360*100=60/360*100=16.66% more

203) Answer: B

The number of persons who bought Lays in March=150

Required amount=150 * 10/100 * 10=150

The number of persons who bought Bingo in February=120

Required amount=120 * 25/100 * 15=450

The number of persons who bought Kurkure in May=120

Required amount=120 * 20/100 * 12=288

Required total amount=150+450+288=888

204) Answer: A

The number of persons who bought chips in January=210+360+130=700

The number of males who bought chips in January=700/7*4=400

The number of females who bought chips in January=700-400=300

The number of persons who bought chips in February=140+120+240=500

The number of males who bought chips in February=500/10*7=350

The number of females who bought chips in February=500-350=150

The number of persons who bought chips in March=150+300+250=700

The number of males who bought chips in March=700/14*9=450

The number of females who bought chips in March=700-450=250

The number of persons who bought chips in April=225+175+200=600

The number of males who bought chips in April=600/3*1=200

The number of females who bought chips in April=600-200=400

The number of persons who bought chips in May=100+180+120=400

The number of males who bought chips in May=400/8*3=150

The number of females who bought chips in May=400-150=250

Required difference = (400+350+450+200+150)-(300+150+250+400+250)=200

Directions (205-209):

Number of palm trees in Chennai = 108/360 * 6000 = 1800

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Number of palm trees in Mumbai = 72/360 * 6000 = 1200

Number of palm trees in Hyderabad = 54/360 * 6000 = 900

x + y = (360 – 108 - 54 - 72)*6000/360 = 2100

x – y = 1/100 * 6000 = 60

2x = 2160

x = 1080

y = 1020

Number of palm trees in Delhi = 1020

Number of palm trees in Bangalore = 1080

205) Answer: C

Number of 50 feet palm trees in Pune = 6/13 * (1800 – 1020) = 360

206) Answer: A

Required ratio = 1080:900 = 6:5

207) Answer: D

Number of palm trees in Mumbai = 1200

Number of Neem trees in Mumbai = 1200 * 25/100 = 300

Number of Mango trees in Mumbai = 140/100 * 300 = 420

Number of coconut trees in Mumbai = 8/7 * 420 = 480

208) Answer: E

Number of palm trees in Shimla = (880 * 2) – 1200 = 560

Number of palm trees in Chennai = 1800

Difference = 1800 – 560 = 1240

209) Answer: B

Number of palm trees in Patna = 7/3 * 900 = 2100

Number of palm trees in Bangalore = 1080

Required percentage = 1080/2100 * 100 = 51.42%

210) Answer: E

Total number of pens = 100x

CP of a pen = y

Selling price of the pens sold to Ramesh = 120/100 * y * 40/100 * 100x = 48xy

Selling price of the pens sold to Ram = y * (60/100 * 100x * 80/100) = 48xy

Selling price of the pen sold to Ravi = y * 75/100 * (20/100 * 60/100 * 100x) = 9xy

Total SP =9xy + 48xy + 48xy = 105xy

Total CP = 100xy

Required percentage = (105xy – 100xy)/100xy * 100 = 5%

211) Answer: C

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Amount invested in CI scheme = x

Amount invested in SI scheme = 15000 – x

$(15000 – x) * 18 * 2/100 + x * (1 + 20/100)^2 – x = 6120$

5400 – 0.36x + 0.44x = 6120

x = 9000

Amount invested in SI = 15000 – 9000 = Rs.6000

212) Answer: D

A + B + C + D = 40 * 4 = 160

B = 90/100 * A

B/A = 9/10

B = 9k, A = 10k

D = 40/100 * C

D/C = 2/5

C – B = 24

C = 24 + 9k

D = 2/5 * (24 + 9k)

9k + 10k + 24 + 9k + 48/5 + 18k/5 = 160

k = 4

Present age of B = 9 * 4 = 36

Present age of D = 2/5 * (24 + 36) = 24

Sum of the ages of B and D = 36 + 24 = 60 years

213) Answer: B

Income of Aliya = x

Income of Amirtha = x + 4000

x * 20/100 = (x + 4000) * 15/100

5x = 60000

x = 12000

Expenditure of Aliya = 12000 * 80/100 = Rs.9600

214) Answer: C

Profit ratio of A, B and C = (7000 * 2 + 8000 * 1):(11000 * 2 + 10000 * 1):((x + 4000) * 2)

= 22000: 32000: (2x + 8000)

32000/(2x + 8000) = 160/100

20000 = 2x + 8000

x = 6000

215) Answer: B

Speed of Raheem = x kmph and Speed of Ravi = y kmph

Let the distance be D km

215/x = (D – 215)/y

=> y/x = (D – 215)/215 --- (I)

2D/x = D/y

=> x = 2y

=> y = x/2 --- (II)

On solving (I) and (II), we get D = 322.5 km

216) Answer: A

Prob. of getting a blue ball from P = 1/2 * 7/12

Prob. of getting a blue ball from Q = 1/2 * 5/12

Required probability = 7/24 + 5/24 = ½

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217) Answer: A

Discount = 495

CP = 5x

MP = 5x * 180/100 = 9x

9x – 495 = 5x * 125/100

2.75x = 495

x = 180

Required difference = 9x – 5x = 4 * 180 = 720

218) Answer: A

Anil, Bala and Sharu alternatively complete the work = 24 days

Efficiency of Anil = 2x

Efficiency of Bala = 2x * 50/100 = x

Efficiency of Sharu = x * 3/2 = 3x/2

Efficiency of David = 3x/2 * 2 = 3x

Efficiency ratio of Anil, Bala, Sharu, David = 2x:x:3x/2:3x

= 4:2:3:6

Time ratio of Anil, Bala and Sharu = 3:6:4

8/3x + 8/6x + 8/4x = 1

(4 + 2 + 3)/12x = 1/8

x = 6 days

David = 6 * 2 = 12 days

219) Answer: D

Total work = 100 units

P = 100/20 = 5 units/day

Q = 100/25 = 4 units/day

Total work done in 7 days = 5 * 2 + 5 * (5 + 4) = 55 units

Remaining work = 100 – 55 = 45 units

Days taken by P = 45/5 = 9 days

220) Answer: B

The initial quantity of milk = 55x

The initial quantity of water = 45x

Milk in 120 liters = 55/100 * 120 = 66 liters

Water in 120 liters = 45/100 * 120 = 54 liters

(55x – 66)/(45x – 54 + 4) = 110/100

495x – 550 = 550x – 660

x = 2

Final quantity of water = 45 * 2 – 50 = 40 liters

221) Answer: C

SI = 12800 * 5 * R/100 = 640R

CI = $12800 * (1 + R/100)^2 – 12800$

CI = $12800*[(100 + R)^2 – 10000]/10000$

CI = $32*(R^2 + 200R)/25 = 32R*(R + 200)/25$

640R/((32R*(R + 200)/25) = 100/43

160 * 43 = 32R + 200 * 32

6880-6400=32R

R=480/32

R = 15%

222) Answer: A

Number of girls = 4x

Number of boys = 4x * 125/100 = 5x

Number of girls = 4x/9x * 36 = 16

Number of boys = 5x/9x * 36 = 20

16 * 7y + 8y * 20 = 36 * 68

112y + 160y = 2448

y = 9

Average weight of boys = 9 * 8 = 72 kg

223) Answer: A

Speed of boat A in still water = x kmph

Speed of boat B in still water = (20 – x) kmph

150/(x + 5) = 50/(20 – x – 5)

=> x = 10

Required ratio = x: (20 – x) =10 : 10 = 1: 1

224) Answer: A

The number of students in class X =7X

The number of students in class Y =4X

(7X*9/7*13/12)-4X=23

9.75X-4X=23

X=23/5.75

X=4

The number of students in class X=7*4=28

The number of students in class Y=4*4=16

Required average=(28+16)/2=22

225) Answer: B

1232 = 1/3 * 22/7 * 14 * 14 * h

Height of the cone = 6 cm

Height of the cuboid = 6 * 2 = 12 cm

12 * 5x * 6x = 3240

x = 3

Breadth of the cuboid = 3 * 6 = 18 cm

226) Answer: C

Speed of train A = x

Speed of car = y

300 + 240 = x * 5/18 * 32.4

x = 60

300 = (y + 60) * 5/18 * 12

y = 30 kmph

Speed of train B = 240/100 * 30 = 72 kmph

Length of train B + 240 = 72 * 5/18 * 30

Length of train B = 360 m

Required time = (360 + 300)/(72 – 60) * 5/18

= 198 seconds

= 3 minutes and 18 seconds

227) Answer: D

Vowels = I, E and E

Consonants = M, P, L, M, N, T

Required ways = 3!/2! * 6!/2! * 2!

= 2160

228) Answer: A

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Rockets in B = 200

Sparklers in B = 1/1 * 200 = 200

Rockets in A = 5/4 * 200 = 250

Number of sparklers in A = 320 – 250 = 70

Required ratio = (25/100 * 250 + 3/4 * 200) :(25/100 * 70 + 3/4 * 200)

= 212.5:167.5

= 85:67

229) Answer: C

The speed of bus A=64 km/hr

The total distance covered by bus A when meeting bus B=64*5=320 km

The speed of bus B=96 km/hr

The total distance covered by bus B when meeting bus A=96*3=288 km

Required distance=320+288=608 km

230) Answer: E

From statement I,

Milk = x

Water = y

x/(y + 25) = 4/5

4y + 100 = 5x

So, Statement I alone is not sufficient to answer the question.

From statement II,

Milk = x

Water = y

(x + 10)/y = 6/5

6y = 5x + 50

So, Statement II alone is not sufficient to answer the question.

From statement I and II,

5x – 4y = 100 -----(1)

5x – 6y = -50 ------(2)

(1) – (2)

2y = 150

y = 75

x = 80

x + y = 80 + 75 = 155 liters

Both statements are necessary to answer the question.

231) Answer: D

From statement I,

Ratio of the present ages of Saina and Hari is 3:2

Saina/Hari = 3/2

So, Statement I alone is not sufficient to answer the question.

From Statement II,

Ratio of the ages of Hari and Sania after 3 years is 5:4

(Hari + 3)/(Sania + 3) = 5/4

So, Statement II alone is not sufficient to answer the question.

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232) Answer: E

From statement I,

The number of boys in the class is 18 less than the number of girls in the same class.

Girls – Boys = 18

So, Statement I alone is not sufficient to answer the question.

From Statement II,

Total number of students in the class is 30 more than the number of girls in

the same class.

So, Statement II alone is not sufficient to answer the question.

From Statement I and II,

Boys = 30

Number of girls = 30 + 18 = 48

Required ratio = 30:48 = 5:8

Both statements are necessary to answer the question.

233) Answer: D

From statement I,

5m + 9b = 1/18

8m + 8g = 1/12

So, Statement I alone is not sufficient to answer the question.

From statement II,

m + w = 1/12

So, Statement II alone is not sufficient to answer the question.

234) Answer: E

From statement I,

Area of the circle = 22/7 * r * r

616 = 22/7 * r * r

Radius of the circle = 14 cm

Radius of the cone = 14 * 150/100 = 21 cm

So, Statement I alone is not sufficient to answer the question.

From statement II,

The height of the cone =24 cm

22/7 * r * l = 1650

So, Statement II alone is not sufficient to answer the question.

From statement I and II,

Radius of the cone = 21 cm

The height of the cone =24 cm

Volume of the cone = 1/3 * 22/7 * 21 * 21 * 24 = 11088 cm^3

Both statements are necessary to answer the question.

235) Answer: C

From statement I,

Let us take the total number of students be x

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62.5x/100 – 37.5x/100 = 100

= > 25x = 10000

= > x = 400

Statement I alone is sufficient to answer the given question.

From statement II,

Number of students in Gudway school = a

Then number of students in carvel school = 120/100 * a

120a/100 – a = 120

= > 20a/100 = 120

= > a = 600

Number of students in Carvel school = 600 * 120/100 = 720

Statement II alone is sufficient to answer the given question.

Hence, statement I alone or statement II alone is sufficient to answer the given question.

236) Answer: C

From statement I,

The share of A, B and C,

= > [2x * 4 + (2x + 10000) * 8] : [3x * 12] : [4x * 6 + (4x – 10000) * 6] = 16 : 18 : 21

= > [8x + 16x + 80000] : [36x] : [24x + 24x – 60000] = 16 : 18 : 21

= > [24x + 80000] : [36x] : [48x – 60000] = 16 : 18 : 21

According to the question,

(24x + 80000) / 36x = (16/18)

24x + 80000 = 32x

8x = 80000

x = 10000

The initial investment of B = 3x = Rs. 30000

Statement I alone is sufficient to answer the question.

From statement II,

The share of A, B and C,

= > [2x * 5 + (2x + 5000) * 7] : [3x * 8 + (3x – 10000) * 4] : [4x * 12]

= > [10x + 14x + 35000] : [24x + 12x – 40000] : [48x]

= > [24x + 35000] : [36x – 40000] : [48x]

Given,

24x + 35000 + 36x – 40000 + 48x = 1075000

108x = 1080000

x = 10000

The initial investment of B = 3x = Rs. 30000

Statement II alone is sufficient to answer the question.

So, either statement I or II is sufficient.

237) Answer: E

From statement I and II,

Present age of A = 33- 8 = 25 years

Present age of B = (25/5) * 8 = 40 years

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B = C + 12

40 = C + 12

Present age of C = 28 years

Both statements I and II together are sufficient to answer the question.

238) Answer: E

From statement I and II,

(5 m + 8 w) * 12 = (8 m + 10 w) * 8

15 m + 24 w = 16 m + 20 w

4 w = 1 m

5 m + 8 w = 20 w + 8 w = 28 w

4 m + 10 w = 16 w + 10 w = 26 w

Women	days
28	12
26	?

Required days = (28 * 12) / 26 = 12 12/13 days

Both Statement I and II are sufficient to answer the question.

239) Answer: A

From Statement I,

Side of the rhombus= 100/4=25 cm

So, Statement I alone is sufficient to the answer the question.

From Statement II,

Area of the Rhombus = 96

So, Statement II alone is not sufficient to the answer the question.

240) Answer: A

Quantity I:

Diagonal of the square = $24\sqrt{2}$ cm

Area of the square = (1/2) * diagonal^2 = (1/2) * $(24\sqrt{2})^2$

= > (1/2) * 576 * 2 = 576 cm^2

Quantity II:

The perimeter of the rectangle = 80 cm

Breadth of the rectangle = 16 cm

2 * (l + b) = 80

l + 16 = 40

l = 24 cm

The area of rectangle = lb = 24 * 16 = 384 cm^2

Quantity I > Quantity II

241) Answer: C

Quantity I:

Speed of train = (200 + 200)/20

= > 400/20 = 20 m/s

= > 20 * (18/5) = 72 km/hr

Quantity II:

80 km/hr

Quantity II > Quantity I

242) Answer: C

Quantity I:

Speed of downstream = (288/12) = 24 km/hr

Speed of upstream = (24/12) * 5 = 10 km/hr

Speed of boat in still water = (1/2) * (Speed of downstream + Speed of upstream)

= > (1/2) * (24 + 10)

= > 17 km/hr

Quantity II:

Speed of upstream = (120 / 15) = 8 km/hr

Speed of stream = 12 km/hr

Given,

Speed of upstream = Speed of boat in still water – Speed of stream

8 = Speed of boat in still water – 12

Speed of boat in still water = 8 + 12 = 20 km/hr

Quantity II > Quantity I

243) Answer: E

Quantity I:

Efficiency ratio = > A: B = 3: 2

Time ratio = > A: B = 2: 3 (2x, 3x)

(1/2x) + (1/3x) = 5/48

(5x/(2x * 3x)) = (5/48)

x = 8

The number of days taken by A alone to complete the work = 2x = 16 days

Efficiency ratio = > A: C = 5: 4

Time ratio = > A: C = 4: 5

The number of days taken by C alone to complete the work

= > (16/4) * 5 = 20 days

Quantity II:

20 days

Quantity I = Quantity II

244) Answer: A

Quantity I:

Combination is, CLBRT (EEAE), all the vowels can be taken as one letter. So, the total letters = 6

4 vowels can be arranged in = 4! / 3!

Required number of ways = 6! * (4! / 3!) = 720 * (24 / 6) = 2880

Quantity II:

Combination is, IAE (ULTMT), all the consonants can be taken as one letter. So, the total letters = 4

5 consonants can be arranged in = 5! / 2!

Required number of ways = 4! * (5! / 2!) = 24 * (120 / 2) = 1440

245) Answer: A

From quantity I,

9000 * R * 3/100 – 6000 * R * 4/100 = 540

R = 18%

From quantity II,

9800 – 3500 = 3500 * x * 15/100

x = 12

Quantity I > quantity II

246) Answer: E

From quantity I,

CP of laptop = 100x

MP of laptop = 140/100 * 100x = 140x

140x * 90/100 = 100x + 3120

x = 120

CP of laptop = 100 * 120 = 12000

From quantity II,

20x – 17x = 2250

x = 750

CP of mobile = 750 * 20 * 100/125 = 12000

Quantity I = quantity II

247) Answer: A

From quantity I,

10 hours

From quantity II,

A + B = 1/8

Efficiency of B and C = 150: 100 =3:2

Time ratio of B and C = 2:3

D + B = 1/12

Efficiency of A and B = 2:1

Time ratio of A and B = 1:2

1/x + 1/2x = 1/8

3/2x = 1/8

x = 12 hours

B alone fill the tank = 2 * 12 = 24 hours

C alone fill the tank = 3/2 * 24 = 36 hours

D alone fill the tank = 1/12 – 1/24 = 1/24

A + D = 1/24 + 1/12 = 1/8= 8 hours

Quantity I>quantity II

248) Answer: C

Quantity I:

Milk = (5/8)*40 = 25 litres

Water = (3/8)*40 = 15litres

[25- (5/8)x] / [15-(3/8)x+10] = 15/19

(200-5x)/(200-3x) = 15/19

3800-95x=3000-45x

50x=800

x= 16

Quantity of milk in final solution = 25 – (5/8)*16 = 25- 10 = 15 litres

Required difference = 25-15 = 10 litres

Quantity II: 15

Quantity II > Quantity I

249) Answer: A

Quantity I:

Perimeter of rectangle = 2(l+b) = 2(15+9) = 2*24=48cm

Perimeter of square = 4a = 48cm

a= 48/4 = 12cm

Radius of semicircle = 12cm

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Circumference of hemisphere =πr + 2r = 22/7*12 +2*12 = 264/7 +24 =432/7 cm

Quantity II:

P(at least one from Hockey) = 1- P(no one from hockey)

= 1-$(9C_3/12C_3)$

= 1 – (9*8*7/12*11*10)

= 1-21/55 = (55-21)/55= 34/55

Quantity I > Quantity II

250) Answer: D

$24^2 \div 16 \times 48 + 9^2 = 6x – 36 \% $ of 1500

[(24 * 24 * 48) / 16] + 81 = 6x – (36/100) * 1500

1728 + 81 + 540 = 6x

6x = 2349

x = 2349 / 6 = 391.5

251) Answer: C

1/9 of 6561 – 4/5 of 1350 + 25% of 8000 = 1/8 of 4800 +?

=> 1/9 x 6561 – 4/5 x 1350 + 25/100 x 8000 – 1/8 x 4800 =?

=> 729 – 1080 + 2000 – 600 =?

=> 1049 =?

252) Answer: D

75 % of 280 – √196 * 4 =? – 112

210 – 56 =?- 112

266 =?

253) Answer: C

17 * 14 – 38 = $(?)^2$ - √9409 + √64

238 – 38 =$?^2$ – 97 + 8

$?^2$ = 289

? = 17

254) Answer: B

? ÷ 30 + 12 % of 125 = 4(3/6) * 7

?/30 + 15 = 31.5

?/30 = 16.5

? = 495

255) Answer: A

125 + 8^3 + x = 18 % of 800 + (5610 ÷ 11)

x = (18/100) * 800 + (5610 / 11) – 125 – 512

x = 144 + 510 - 125 – 512

x = 17

256) Answer: D

√441 * 4 + 45 % of 160 – 32 * 5 = ?

84 + 72 – 160 = ?

-4 = ?

257) Answer: A

(3/8) of (2/3) of 72 + 12^3 – 12 % of 350 = x + 120

(3/8) * (2/3) * 72 + 1728 – (12/100) * 350 – 120 = x

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x = 18 + 1728 – 42 – 120

x = 1584

258) Answer: D

16 % of 750 + x % of 400 = 1140

(16/100)*750 + (x/100)*400 = 1140

120 + 4x = 1140

4x = 1140 – 120

4x = 1020

x = 255

259) Answer: A

1850+666-252=?+1680

?=584

260) Answer: C

149.96% of 184.93 + 275.13% of 6279.9-183 =?

$$= \frac{150}{100} \; x \; 185 + \frac{275}{100} x \; 6280 - 183$$

= 277.5 + 17270 -183

= 17547 – 183

= 17364

= 17360

261) Answer: D

$$\frac{12.99 \times x}{26.02} + 224.97\% \text{ of } 60.03 - 96.03 \div 8.01 = (7.03)^3$$

$$\frac{13 \times x}{26} + 225\% \text{ of } 60 - 96 \div 8 = 343$$

$$\frac{x}{2} + 135 - 12 = 343$$

$$\frac{x}{2} = 220$$

$$x = 440$$

262) Answer: A

39.91 % of 290.011 + 35.012 * √255 – 59.904 % of 650.091 = ?

(40/100) * 290 + 35 * √256 – (60/100) * 650 = ?

116 + 560 – 390 = ?

? = 286

263) Answer: C

[(143.85 ÷ 11.89) * 9.98] ÷ 6.04 + √575.92 = ?

[(144 ÷ 12) * 10] ÷ 6 + √576 = ?

120 ÷ 6 + 24 = ?

? = 44

264) Answer: B

71.95 x 67.92 + 36.94 x 32.97 = ?

72 x 68 + 37 x 33 = x

(70 + 2) x (70 – 2) + (35 + 2) x (35 – 2) = x

70² - 2² + 35² - 2² = 6117

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265) Answer: C

25.08% of 3601.04 + 28.57% of 2451 + 44.44% of 540 =?

25% of 3600 + 28.57% of 2450 + 44.44% of 540 =?

900+ 700+ 240 =?

1840 =?

266) Answer: B

? × 15.27 + (29.99)² − (16.19)² + 411.77 = (30.99)² + (11.88)³

? × 15 + (30)² − (16)² + 412 = (31)² + (12)³

? × 15 + 900 −256 + 412 = 961 + 1728

? × 15 + 1312 − 256 = 961 + 1728

? × 15 + 1056 = 2689

? × 15 = 2689 − 1056

? × 15 = 1633

? = 1633/15

?= 109

267) Answer: D

(54.14 × 35.21) + 125.27% of 960 − 22.5% of 161 =?

(54×35) + 125% of 960 − 22.5% of 160 =?

1890 + 1200 − 36 =?

3054 =?

268) Answer: D

29% of 2350 + 87% of 4350 + 30= (?)²

681.5 + 3784.5 + 30 = (?)²

4496 = (?)²

(?) = 67

269) Answer: B

13.11% of 3999.91 + 9.81% of 119.78 =?

=> 13% of 4000 + 10% of 120 =?

=> 520 + 12 =?

=> 532

270) Answer: C

39 + 47 = 86

86 + 44 = 130

130 + 41 = 171

171 + 38 = 209

209 + 35 = **244**

271) Answer: A

8 * 1.5 + 4 = 16

16 * 2.5 + 4 = 44

44 * 3.5 + 4 = 158

158 * 4.5 + 4 = **715**

715 * 5.5 + 4 = 3936.5

272) Answer: C

2 * 10 + 1 = 21

3 * 11 + 2 = 35

4 * 12 + 3 = 51

5 * 13 + 4 = 69

6 * 14 + 5 = 89

7 * 15 + 6 = **111**

$6^3 + 2 = 218$

$5^3 + 3 = 128$

$4^3 + 4 = 68$

$3^3 + 5 = 32$

$2^3 + 6 = $ **14**

273) Answer: A

$19 + 6^3 = 235$

$235 + 5^2 = 260$

$260 + 4^3 = 324$

$324 + 3^2 = 333$

$333 + 2^3 = $ **341**

277) Answer: A

32 * 1.5 = 48

48 * 1.5 = 72

72 * 1.5 = **108**

108 * 1.5 = 162

162 * 1.5 = 243

274) Answer: D

$23 + 2 + 2^2 = 29$

$29 + 3 + 3^2 = $ **41**

$41 + 4 + 4^2 = 61$

$61 + 5 + 5^2 = 91$

$91 + 6 + 6^2 = 133$

278) Answer: D

1 + 13 * 1 = 14

14 + 14 * 2 = **42**

42 + 15 * 1 = 57

57 + 16 * 2 = 89

89 + 17 * 1 = 106

275) Answer: B

12 + 2 * 1 = 14

14 + 4 * 3 = 26

26 + 6 * 5 = 56

56 + 8 * 7 = 112

112 + 10 * 9 = **202**

279) Answer: A

1 * 5 – 4 = 1

1 * 6 – 3 = 3

3 * 7 – 2 = **19**

19 * 8 – 1 = 151

151 * 9 – 0 = 1359

276) Answer: C

$7^3 + 1 = 344$

280) Answer: E

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$147 + (1 + 4 + 7)^2 = 291$

$291 + (2 + 9 + 1)^2 = 435$

$435 + (4 + 3 + 5)^2 = 579$

$579 + (5 + 7 + 9)^2 = \mathbf{1020}$

$1020 + (1+0+2+0)^2 = 1029$

281) Answer: A

$42 * 1 - 1^2 = 41$

$41 * 2 - 2^2 = 78$

$78 * 3 - 3^2 = 225$

$225 * 4 - 4^2 = \mathbf{884}$

$884 * 5 - 5^2 = 4395$

282) Answer: E

$46^2 + 3 = 2119$

$49^2 + 3 = 2404$

$52^2 + 3 = \mathbf{2707}$

$55^2 + 3 = 3028$

$58^2 + 3 = 3367$

$61^2 + 3 = 3724$

283) Answer: C

$6^3 + 2 = 218$

$7^3 + 4 = 347$

$8^3 + 6 = 518$

$9^3 + 8 = \mathbf{737}$

$10^3 + 10 = 1010$

284) Answer: A

$20 * 1 + 2 = 22$

$22 * 2 + 3 = 47$

$47 * 3 + 4 = 145$

$145 * 4 + 5 = 585$

$585 * 5 + 6 = \mathbf{2931}$

285) Answer: C

$2^3 + 1 = 9$

$3^3 - 1 = 26$

$4^3 + 1 = 65$

$5^3 - 1 = \mathbf{124}$

$6^3 + 1 = 217$

$7^3 - 1 = 342$

$8^3 + 1 = 513$

286) Answer: E

$2 \times 2^2 + 2 = 10$

$3 \times 3^2 + 3 = 30$

$4 \times 4^2 + 4 = 68$

$5 \times 5^2 + 5 = 130$

$6 \times 6^2 + 6 = \mathbf{222}$

$7 \times 7^2 + 7 = 350$

$8 \times 8^2 + 8 = 520$

287) Answer: D

$10 \times 1/2 + 2^1 = 7$

$20 \times 1/2 + 2^2 = 14$

$30 \times 1/2 + 2^3 = 23$

$40 \times 1/2 + 2^4 = 36$

$50 \times 1/2 + 2^5 = $ **57**

$60 \times 1/2 + 2^6 = 94$

$70 \times 1/2 + 2^7 = 163$

288) Answer: A

$8^3 = 512$

$4^2 = $ **16**

$7^3 = 343$

$5^2 = 25$

$6^3 = 216$

289) Answer: D

$2^3 + 2 = 10$

$3^3 - 3 = 24$

$4^3 + 4 = 68$

$5^3 - 5 = $ **120**

$6^3 + 6 = 222$

290) Answer: B

$x^2 - 13x - 114 = 0$

$x^2 - 19x + 6x - 114 = 0$

$x(x - 19) + 6(x - 19) = 0$

$(x + 6)(x - 19) = 0$

$x = -6, 19$

$y^2 + 19y + 78 = 0$

$y^2 + 13y + 6y + 78 = 0$

$y(y + 13) + 6(y + 13) = 0$

$(y + 6)(y + 13) = 0$

$y = -6, -13$

$x \geq y$

291) Answer: D

$2x^2 - 9x + 10 = 0$

$2x^2 - 5x - 4x + 10 = 0$

$2x(x - 2) - 5(x - 2) = 0$

$x = 2, 2.5$

$y^2 - 7y + 12 = 0$

$y^2 - 3y - 4y + 12 = 0$

$y(y - 3) - 4(y - 3) = 0$

$(y - 4)(y - 3) = 0$

$y = 4, 3$

$x < y$

292) Answer: E

$x^2 - 28x + 187 = 0$

$x^2 - 11x - 17x + 187 = 0$

$x(x - 11) - 17(x - 11) = 0$

$(x - 17)(x - 11) = 0$

$x = 17, 11$

$y^2 - 35y + 306 = 0$

$y^2 - 17y - 18y + 306 = 0$

$y(y - 17) - 18(y - 17) = 0$

$(y - 18)(y - 17) = 0$

$y = 18, 17$

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x ≤ y

293) Answer: D

$x^2 + 11x + 30 = 0$

$x^2 + 5x + 6x + 30 = 0$

$x(x + 5) + 6(x + 5) = 0$

$(x + 6)(x + 5) = 0$

x = -6, -5

$y^2 - 7y - 44 = 0$

$y^2 - 11y + 4y - 44 = 0$

$y(y - 11) + 4(y - 11) = 0$

$(y + 4)(y - 11) = 0$

y = -4, 11

x < y

294) Answer: D

$2x^2 - 13x + 18 = 0$

$2x^2 - 9x - 4x + 18 = 0$

$2x(x - 2) - 9(x - 2) = 0$

$(2x - 9)(x - 2) = 0$

x = 9/2, 2

$y^2 - 13y + 42 = 0$

$y^2 - 6y - 7y + 42 = 0$

$y(y - 6) - 7(y - 6) = 0$

$(y - 7)(y - 6) = 0$

y = 7, 6

x < y

295) Answer: B

I. $x^2 + x - 2 = 0$

Or, $x^2 + 2x - x - 2 = 0$

Or, $x(x + 2) - 1(x + 2) = 0$

Or, $(x - 1)(x + 2) = 0$

:. x = 1, -2

II. $2y^2 - 15y + 25 = 0$

Or, $2y^2 - 10y - 5y + 25 = 0$

Or, $2y(y - 5) - 5(y - 5) = 0$

 Or, $(y - 5)(2y - 5) = 0$

:. y = 5, 5/2

Hence, x < y

296) Answer: E

I. $8x^2 - 22x - 21 = 0$

Or, $8x^2 - 28x + 6x - 21 = 0$

Or, $4x(2x - 7) + 3(2x - 7) = 0$

Or, $(4x + 3)(2x - 7) = 0$

:. x = - 3/4, 7/2

II. $y^2 + 14y - 51 = 0$

Or, $y^2 + 17y - 3y - 51 = 0$

Or, $y(y + 17) - 3(y + 17) = 0$

Or, $(y - 3)(y + 17) = 0$

Or, y = -17, 3

Relation between x and y cannot be established

297) Answer: B

I. $x^2 + 8x + 16 = 0$

Or, $x^2 + 4x + 4x + 16 = 0$

Or, $(x + 4)^2 = 0$

Or, $x + 4 = 0$

$\therefore x = -4$

II. $3y^2 - 2\sqrt{(6y)} + 2 = 0$

Or, $(\sqrt{3}y)^2 - 2\sqrt{(6y)} + (\sqrt{2})^2 = 0$

Or, $(\sqrt{3}y - \sqrt{2})^2 = 0$

Or, $\sqrt{3}y - \sqrt{2} = 0$

$\therefore y = \sqrt{(2/3)}$

Hence $y > x$

298) Answer: C

I. $x^2 + 8x + 15 = 0$

Or, $x^2 + 5x + 3x + 15 = 0$

Or, $x(x+5) + 3(x + 5) = 0$

Or, $(x + 3)(x + 5) = 0$

$\therefore x = -3, -5$

II. $y^2 + 12y + 35 = 0$

Or, $y^2 + 5y + 7y + 35 = 0$

Or, $y(y + 5) + 7(y+5) = 0$

Or, $(y + 7)(y + 5) = 0$

$y = -5, -7$

Hence $x \geq y$

299) Answer: D

I. $x^2 - 9x + 20 = 0$

Or, $x^2 - 5x - 4x + 20 = 0$

Or, $x(x - 5) - 4(x - 5) = 0$

Or, $(x - 4)(x - 5) = 0$

$\therefore x = 4, 5$

II. $y^2 - 12y + 35 = 0$

Or, $y^2 - 5y - 7y + 35 = 0$

Or, $y(y - 5) - 7(y - 5) = 0$

Or, $(y - 7)(y - 5) = 0$

$y = 5, 7$

Hence $x \leq y$

Directions (300-304):

Number of mobiles sold on March = 5600

Difference between the number of laptops and watches sold in March = 10000

Watch – laptop on March = 10000

Total number of products sold on March = 5x

Number of watches sold on March = 3/5 * 5x = 3x

Laptop on sold March = 3x - 10000

5600 + 3x - 10000 + 3x = 5x

x = 4400

Months	Mobile	Laptop	Watch	Total
March	5600	3200	13200	22000
April	4000	1600	11200	16800
May	3600	2800	13600	20000
June	1200	2400	14400	18000

300) Answer: A

Required ratio = 20000:22000

= 10:11

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301) Answer: C

Required % = 2800/13600 * 100

= 20.5%

302) Answer: A

Number of laptop sold on July = 3/5 * (32000 – (5600 + 1400)) = 15000

Required average = 15000 + 2400/2

= 8700

303) Answer: B

Required total = 9/17 * (13600) + 75/100 * 14400

= 18000

304) Answer: A

Required total = 7/15 * (250/100 * 24000 – 15000)

= 21000

Directions (305-309):

Total number of students in all NLUs together – Total number of students from Science background = total number of students from Humanities background

So, total number of students from humanities background = 92000

Total number of students from Humanities background in NLU – K = 30/92 x 92000 = 30000

Total number of students in NLU – P = 30000 + 4000 = 34000

Let total number of Humanities background students in NLU – B = 12a

So, total number of Humanities background students in NLU – G = 50% of 12a = 6a

Total number of students of Humanities background students in NLU –P = 12a – 8000

Number of students from Humanities background in NLU – L = 5/6 x 6a = 5a

Now, 12a + 30000 + 6a + 5a + 12a – 8000= 92000

35a = 70000

So, value of a = 70000/35 = 2000

Number of Humanities background students in NLU – B = 12 x 2000 = 24000

So, total number of Humanities background students in NLU – G = 6 x 2000 = 12000

Total number of students of Humanities background students in NLU – P = 12 x 2000 – 8000 = 160000

Number of students from Humanities background in NLU – L = 5 x 2000 = 10000

Let total number of students in NLU – L = 5b

So, number of students in NLU – G = 80% of 5b = 4b

So, number of students from science background in NLU – G = 4b - 12000

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So, number of students from science background I

NLU – L = 5b - 10000

Now, 5b – 10000 = 8000 + 4b – 12000

So, value of b = 6000

Total number of students in NLU – L = 5 x 6000 = 30000

Total number of students in NLU – G = 4 x 6000 = 24000

Total number of science background students in NLU – L = 5 x 6000 – 10000 = 20000

Number of students of science background students in NLU – G = 4 x 6000 – 12000 = 12000

Number of students from science background in NLU – P = 34000 – 16000 = 18000

Number of students from Science background in NLU – B = 24000 x (4 – 1)/3 = 8000

So, total number of students in NLU – B = 24000 + 8000 = 32000

So, total number of students in NLU – K = 10000 + 30000 = 40000

Now, we calculated all the related data.

Colleges	Total students	Science background	Humanities
NLU - B	32000	8000	24000
NLU - K	40000	10000	30000
NLU - G	24000	12000	12000
NLU - L	30000	20000	10000
NLU - P	34000	18000	16000
Total	160000	68000	92000

305) Answer: A

According to the question,

Total number of science background students in (NLU – G + NLU – L) = 12000 + 20000 = 32000

Difference between total students in NLU – K and NKU – L = 40000 – 30000 = 10000

Required percentage change = (32000 – 10000)/10000 x 100 = 220%

Hence, the answer is option A

306) Answer: E

Sum of total number of students and number of students from science background in NLU – K and NLU – G together = 40000 + 10000 + 24000 + 12000= 86000

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Total number of students from humanities background in NLU – B, NLU – K, and NLU – P together = 24000 + 30000 + 16000 = 70000

Required percentage = 86000/70000 x 100 = 123%

Hence, the answer is option E

307) Answer: E

Total number of students from science background in NLU – K and NLU – L = 10000 + 20000 = 30000

Total number of students in NLU – K and NLU – L together = 40000 + 30000 = 70000

Required percentage = 30000/70000 x 100 = 43%

Hence, the answer is option E

308) Answer: B

Required average = 160000/5 = 32000

Hence, the answer is option B

309) Answer: A

Total number of Students in NLU – K and NLU – P together = 40000 + 34000 = 74000

Total number of Students in NLU – K and NLU – P together = 10000 + 18000 = 28000

Required percentage= 74000/28000 x 100 = 264%

Hence, the answer is option A

310) Answer: C

For Day 2,

Total number of defective toys manufactured = 90

Number of defective type R toys manufactured by the company = 1/3 x 90 = 30

Let the number of type P defective toys = a

So, number of type Q defective toys = 90 – 30 – a = 60 – a

Now, [a x 1200 x 75% + (60 – a) x 750 x 80% + 30 x 900 x 60%] = 61800

900a + 36000 – 600a + 16200 = 61800

300a = 9600

So, value of a = 9600/300 = 32

So, number of type Q defective toys manufactured = 60 – 32 = 28

Hence answer is option C

311) Answer: D

For Day 1

Total number of defective toys manufactured = 120

Number of defective type R toys manufactured by the company = 40% x 120 = 48

Let number of type P defective toys = a

So, number of type Q defective toys = 120 – 48 – a = (72 – a)

Total revenue generated on Day 1 = a x 1200 x 75% + (72 – a) x 750 x 80% + 48 x 900 x 60%

900a + 43200 – 600a + 25920 = (300a + 69120)

For Day 3

Total number of defective toys manufactured = 105

Number of defective type R toys manufactured by the company = 20% x 105 = 21

Number of type P defective toys = a + 37

So, number of type Q defective toys = 105 – 21 – a – 37 = (47 – a)

Total revenue generated by company on day 3 = (a + 37) x 1200 x 75% + (47 – a) x 750 x 80% + 21 x 900 x 60%

900a + 33300 + 28200 – 600a + 11340

= 300a + 72840

Now, (300a + 69120) / (300a + 72840) = 606/637

(2.5a + 576) / (2.5a + 607) = 606/637

By properties of ratio,

(2.5a + 576) / (2.5a + 607 – 2.5a – 576) = 606 / (637 – 606)

(2.5a + 576) / 31 = 606 / 31

So, 2.5a = 606 – 576

Value of a = 30/2.5 = 12

Number of type P defective products sold on day 1 = 12

Number of type Q defective products sold on day 3 = 47 – 12 = 35

Required percentage change = (35 – 12)/12 x 100 = 191.66% more

Hence answer is option D

312) Answer: B

Total number of type R defective toys sold by the company = 120 x 40% + 90 x 1/3 + 105 x 20% + 135 x 60% + 150 x 30% = 225

Total number of type Q defective toys sold by the company = 225 – 75 = 150

Required revenue generated by company = 150 x 750 x 80% = Rs. 90000

Hence answer is option B

313) Answer: A

For Day 4,

Let number of type Q defective toys manufactured by company = a

Now, a x 750 – a x 750 x 80% = 3900

0.2a = 5.2

So, value of a = 26

Number of type P defective products sold by company = 135 x 40% - 26 = 28

Required difference = 28 – 26 = 2

Hence, the answer is option A

314) Answer: C

Total number of type R defective products sold by company on (Day 4 + Day 5) = 135 x 60% + 150 x 30% = 126

Let the number of type P defective products sold by the company on (Day 4 + day 5) together = a

So, number of type Q defective products sold by company on (Day 4 + day 5) together = 135 + 150 – 126 – a = (159 – a)

Now, a x 1200 x 75% + (159 – a) x 750 x 80% + 126 x 900 x 60% = 184140

900a + 95400 – 600a + 68040 = 184140

300a = 20700

So, value of a = 20700/300 = 69

Number of type Q defective products sold by company on (Day 4 + day 5) together = (159 – a) = 90

Required percentage change = (90 – 69)/90 x 100 = 23.33% less

Hence answer is option C

315) Answer: A

Speed of the downstream = 30 kmph

Speed of the boat = x

Speed of stream = y

$360/(x – y) = z$

$600/(x + y) = z$

600/30 = z

z = 20 hours

x – y = 18 -----(1)

x + y = 30 -----(2)

2x = 48

x = 24 kmph

Required distance = 24 * 5 = 120 km

316) Answer: A

Initial amount of milk in vessel = 5/9 x 720 = 400 ml

Initial amount of water in vessel = 720 – 400 = 320 ml

After adding K liters of water, ratio of milk and water is reversed = 4:5

So, amount of water = 5/4 x 400 = 500 ml

Value of K = 500 – 320 = 180 ml

After adding 166.66% of K ml milk, amount of milk = 400 + 5/3 x 180 = 700 ml

Ratio of milk and water = 700: 500 = 7:5

After removal of (K + 60) ml of mixture, ratio of milk and water = (700 – 7/12 x 240): (500 – 5/12 x 240) = 560:400 = 7:5

Hence answer is option A

317) Answer: B

Pipe B alone fill the tank = 45 * 100/75 = 60 hours

36/45 + 36/60 – x/75 = 1

((36 * 4) + (36 * 3))/180 = 1+ (x/75)

(144 + 108)/180 = 1+ (x/75)

252/180 = 1 + (x/75)

x/75 = (252 – 180)/180

x = 30 hours

318) Answer: A

Let efficiency of R = 5 units/day

So, efficiency of Q = 80% of 5 = 4 units/day

So, efficiency of P = 2 x 4 = 8 units/day

Total work = (8 + 5) x 48 = 624

Required time taken by (Q + R) = 624 x 1.5 / (9) = 104 days

Hence answer is option A

319) Answer: D

Let terms in P = 2n – 4, 2n – 2, 2n, 2n + 2, 2n + 4, 2n + 6

Now, [(2n – 4) + (2n + 6)]/2 = 83

2n + 1 = 83

2n = 82,

So terms in sequence P = 78, 80, 82, 84, 86, 88

Lowest term in sequence Q = 50% of (80 + 82) – 40 = 41

So required value = (2 x 41 + 3 x 45 – 49) = 168

Hence answer is option D

320) Answer: E

Distance = d

d/(x + 20) = t – 3

d = (t – 3) * (x + 20)

d/(x- 20) = t + 4.5

d = (t + 4.5) * (x – 20)

(t – 3) * (x + 20) = (t + 4.5) * (x – 20)

tx + 20t – 3x – 60 = tx – 20t + 4.5x – 90

40t – 7.5x + 30 = 0

Answer cannot be determined

321) Answer: A

Let the initial investment of P and R = 6a and 5a respectively

Let the initial investment of Q = b

According to question,

Ratio of profit share = (6a x 6 + 6a x 4/3 x 12): (b x 15): (5a x 6 + 5a x 6/5 x 12)

= 44a: 5b: 34a

Now, 5b/34a = 20/17

So, b = 8a

Required % change = (8a – 5a)/5a x 100 = 60%

Hence answer is option A

322) Answer: C

CP of mobile = 5x

MP of mobile = 6x

SP of mobile = 6x * 92/100 = 5.52x

6x – 5.52x = 2400

x = 5000

SP = 5.52 * 5000 = Rs.27600

CP = 5 * 5000 = Rs.25000

Profit = 27600 – 25000 = Rs.2600

323) Answer: C

According to question,

Aman – 16 = Arman – 2

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So, Aman – Arman = 14 years…………… (1)

Aman – 10 = Anshul – 2

So, Aman – Anshul = 8……………….. (2)

Also, Anshika = 4 + Anshul …………….. (3)

Put equation (3) in equation (2), we get

Aman – Anshika + 4 = 8

Aman – Anshika = 4 years……………… (4)

On subtracting, 1 and 4, we get

Anshika – Arman = 14 – 4 = 10 years

Hence answer is option C

324) Answer: B

Let the money invested under compound interest = a

So, money invested under simple interest = (48000 – a)

Total interest received by Arun = a x (1.2³ – 1) + (48000 – a) x 0.24 x 5

Now, (0.728a - 1.2a + 57600) = 13216

0.472a = 13216

So, value of a = 13216/0.472 = 28000

So, money invested under SI = 48000 – 28000 = Rs. 20000

Required fraction = 20000/48000 = 5/12

Hence, the answer is option B

325) Answer: B

√1296% of 450 ÷ 9 + (18 x 24) = (?)² x 3 – 1002

(36% x 450)/9 + 432 + 1002 = (?)² x 3

(18 + 1434)/3 = (?)²

(?) = (484)^{1/2} = 22

Hence, the answer is option B

326) Answer: A

24% of 560 + 54% of 690 – (456 ÷ 8) = (?)% of 720

134.4 + 372.6 – 57 = (?)% x 720

(450 x 100)/720 = (?)

(?) = 62.5

Hence, the answer is option A

327) Answer: D

(60% of 75% of 40% of 1200) x 4 + 136 = (?)³

(3/5 x 3/4 x 2/5 *1200) x 4 + 136 = (?)³

864 + 136 = (?)³

(?) = (1000)^{1/3} = 10

Hence, the answer is option D

328) Answer: C

(540 ÷ 9) – √9216 + 98 = ?

60 – 96 + 98 = ?

? = 62

329) Answer: E

(3/4) of 132 + (6/7) of 140 = ?

99 + 120 = ?

? = 219

330) Answer: C

571.998 ÷ 10.999 ÷ 25.898 * 10.015 = ?

=> 572/(11 * 26) * 10

=> 20

331) Answer: A

74.92 % of 259.98 + √2205 * √79 + ? = 22.22 * √960

195 + 423 + ? = 682

? = 64

332) Answer: B

28.05 * 21.908 + 15.98 * 13.912 = ? * √1220

616 + 224 = ? * 35

? = 24

333) Answer: C

139.89 % of 179.91 = ? + 231.92 – 4.91 * 8.99

252 = ? + 232 – 45

? = 65

334) Answer: E

(2856.06 ÷ 101.891) * 14.91 = ? + 219.891

28 * 15 = ? + 220

? = 200

335) Answer: C

The series 1 seems like an increasing pattern

$16 + (2^3 + 1) = 25$

$25 + (3^3 – 1) = 51$

$51 + (4^3 + 1) = 116$

$116 + (5^3 – 1) = 240$

$240 + (6^3 + 1) = 457$

Apply this logic to series 2

$75 + (4^3 +1) = 140 – (D)$

$140 + (5^3 – 1) = 264 – (E)$

$264 + (6^3 + 1) = 481 – (F)$

$b + (3^3 – 1) = 75$

b = 49

$a + (2^3 + 1) = 49$

a = 40

So, CE – AD = 264*75 – 40*140 = 14200

336) Answer: D

18   40   129 532 2685 16146

The series 1 seems like a multiplication pattern

(18+2) *2 = 40

(40+3) *3 = 129

(129+4) *4 = 532

(532+5) *5 = 2685

(2685+6) *6 = 16146

Apply this logic to series 2

(37+2) *2 = 78 – (N)

(78+3) *3 = 243 – (O)

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We found the value of O. So, no need to calculate other values. Because in question they asking the value of O^2

So, $243 * 243 = 59049$

337) Answer: A

The given pattern is,

$1450 - 2^3 + 1 = 1443$

$1443 - 3^3 + 1 = 1417$

$1417 - 4^3 + 1 = 1354$

$1354 - 5^3 + 1 = 1230$

$1230 - 6^3 + 1 = 1015$

So, the wrong number is 1355

$1355 - 2^3 + 1 = 1348$

$1348 - 3^3 + 1 = 1322$

$1322 - 4^3 + 1 = 1259$

$1259 - 5^3 + 1 = 1135$

So, the option (A) is correct

338) Answer: B

The given pattern is,

$1195 * 4 - 1 = 4779$

$4779 * 4 - 1 = 19115$

$19115 * 4 - 1 = 76459$

$76459 * 4 - 1 = 305835$

So, the wrong number is 19116

$19116 * 4 - 1 = 76463$

$76463 * 4 - 1 = 305851$

$305851 * 4 - 1 = 1223403$

$1223403 * 4 - 1 = 4893611$

$E/A = 4893611/19116 = 255.99 \sim 256$

So, the option (B) is correct

339) Answer: A

The given pattern is,

$71*1 - 1 = 70$

$70*3 - 3 = 207$

$207*5 - 5 = 1030$

$1030*7 - 7 = 7203$

$7203*9 - 9 = 64818$

So, the the wrong number is 1031

$1301*1 - 1 = 1300$

$1300*3 - 3 = 3897$

$3897*5 - 5 = 19480$

$19480*7 - 7 = 136353$

$B * A = 1300 * 1301 = 1691300$

So, the option (A) is correct

340) Answer: A

Series I,

$4 +(2*2+2) = 10$

$10+(3*3+3) = 22$

$22+(4*4+4) = 42$ Not(40)

$42+(5*5+5) = 72$

$72+(6*6+6) = 114$

Series II,

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$2+ (2^3-1) = 9$

$9+ (3^3-1) = 35$

$35+(4^3-1) = 98$ Not(100)

$98+(5^3-1) = 222$

$222+(6^3-1) = 437$

Hence, only I follow

Option A is the answer.

341) Answer: A

Series I,

$16*1/2=8$

$8*3/2=12$

$12*5/2=30$

$30*7/2=105$ Not(110)

$105*9/2=472.5$

Series II,

$20*1/2=10$

$10*1=10$

$10*1.5=15$

$15*2=30$ Not(32)

$30*2.5=75$

342) Answer: C

Series I,

$6400*0.5=3200$

$3200*0.5=1600$ Not(2000)

$1600*0.5= 800$

$800*0.5 = 400$

$400*0.5 = 200$

Series II,

$3200/4=800$

$800*2=1600$

$1600/4=400$ Not(500)

$400*2=800$

$800/4 =200$

$200*2=400$

343) Answer: C

Series I,

$1000*0.5=500$

$500*0.4=200$

$200*0.3=60$

$60*0.2=12$

$12*0.1=1.2$ (Not 8)

Series II,

$1=1^3$

$4=2^2$

$27=3^3$ (Not 30)

$16=4^2$

$125=5^3$

$36=6^2$

344) Answer: A

Series I,

$672+2=674$

$674 +3=677$ Not(680)

677+5=682

682+7=689

689 +11=700

Series II,

420+6=426

426 +12=438 **Not(450)**

438 +24=462

462 +48=510

510 +96=606

345) Answer: C

From I =>x^2 - 33x + 270 = 0

=>x^2 - 15x – 18x + 270 = 0

=>x(x – 15) - 18(x – 15) = 0

=> (x – 15) (x – 18) = 0

=> x = 15, 18

From II =>y^2 - 43y + 450 = 0

=>y^2 - 25y – 18y + 450 = 0

=> y(y – 25) - 18(y – 25) = 0

=> (y – 25) (y – 18) = 0

=> y = 25, 18

Hence, x ≤ y

346) Answer: E

x^2 + 31x + 228 = 0

x^2 + 19x + 12x + 228 = 0

x(x + 19) + 12(x + 19) = 0

(x + 12)(x + 19) = 0

x = -12, -19

y^2 + 3y – 108 = 0

y^2 + 12y – 9y – 108 = 0

y(y + 12) – 9(y + 12) = 0

(y – 9)(y + 12) = 0

y = 9, -12

x ≤ y

347) Answer: D

From I =>x^2 - 33x + 242 = 0

=>x^2 - 22x - 11x + 242 = 0

=>x(x – 22) -11(x – 22) = 0

=> (x – 11) (x – 22) = 0

=> x = 11, 22

From II =>y^2 - 4y - 77 = 0

=>y^2 – 11y + 7y - 77 = 0

=>y(y - 11) +7(y – 11) = 0

=> (y + 7) (y – 11) = 0

=> y = -7, 11

Hence, x ≥ y

348) Answer: D

x^2 + 25x + 126 = 0

x^2 + 18x + 7x + 126 = 0

x(x + 18) + 7(x + 18) = 0

x = -18, -7

y^2 – 18y – 144 = 0

y^2 – 24y + 6y – 144 = 0

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$y(y - 24) + 6(y - 24) = 0$

$y = 24, -6$

$x < y$

349) Answer: B

$x^2 + 17x + 72 = 0$

$x^2 + 9x + 8x + 72 = 0$

$x(x + 9) + 8(x + 9) = 0$

$x = -9, -8$

$y^2 + 20y + 99 = 0$

$y^2 + 11y + 9y + 99 = 0$

$y(y + 11) + 9(y + 11) = 0$

$y = -9, -11$

$x \geq y$

350) Answer: D

If we carefully go through the options and read between the lines we can easily understand that while all the options have a narrow scope or are not covering the complete sense of the passage in a nutshell, only option D comprises the main essence of the entire passage.

Therefore option D is the correct answer choice to this particular question.

351) Answer: C

The phrase 'On the Horizon' means something that is imminent or just becoming apparent.

It actually refers to a situation that has a probability to happen in the near future.

Therefore option C is the correct answer choice to this particular question.

352) Answer: E

The word 'hesitancy' means 'the quality or state of being hesitant'. None of the other words are relevant and contextually or grammatically correct.

Therefore option E is the correct answer choice to this particular question.

353) Answer: C

Only the word 'comprise' can be used here. Other words if used in the given blank make no sense at all. The word grandeur means splendor and impressiveness, especially of appearance or style.

Therefore option C is the correct answer choice to this particular question.

354) Answer: D

If we go through the first paragraph of the given passage we can easily figure out that only statements I and III are actually correct as per the given passage. Statement II has wrong information. Instead of '8.14 lakh' it should have been '8.4 lakh'.

Therefore option D is the correct answer choice to this particular question.

355) Answer: E

All the statements given here are incorrect and not true as per the given passage. The correct statements are as below:-

I- 'Data as on January 18 showed that 3.8 lakh beneficiaries were inoculated.'

II- 'Senior citizens must mediate a technological tool — the CoWIN website — to access vaccines.'

III- 'The health-care workers, are medically sophisticated'

Therefore option E is the correct answer choice to this particular question.

356) Answer: E

The author clearly mentions that 'The health care workers are familiar with the mechanics of dosages, immunity, and are not representative of the vast majority of India where there is confusion, misinformation and inadequate knowledge about vaccination.'

Therefore option E is the correct answer choice to this particular question.

357) Answer: B

The word 'palpable' actually means 'a feeling or atmosphere so intense as to seem almost tangible'. The word 'undeniable' is the synonym of 'palpable'.

Therefore option B is the correct answer choice to this particular question.

358) Answer: B

As clearly mentioned in the last paragraph of the passage- What counts first is corporate performance driven by efficiency, ethics and good governance. That's how business keeps faith with shareholders, delivers quality products and services to customers, creates jobs and spurs economic growth. And that's also how it best benefits society.

359) Answer: A

"Mandating without mandating" means motivating without making it compulsory

360) Answer: E

As stated in the first line of second paragraph-
Social spending should be self-willed, not least because Indian firms have a good record already

361) Answer: C

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As mentioned in second paragraph- To boost private participation in social service further, the government should offer incentives such as "CSR credits" or tax benefits.

362) Answer: C

Manipulative– skillful at influencing somebody or forcing somebody to do what you want, often in an unfair way.

363) Answer: B

Leeway- A permissible difference; allowing some freedom to move within limits
Antonym for the word leeway is Convergence

364) Answer: D

The Companies bill **reportedly won't have this provision**

365) Answer: B

That's how business keeps **faith** with shareholders, **delivers** quality products and services to **customers**, creates jobs and spurs **economic** growth

366) Answer: C

It is mentioned in the passage that restaurants, theme parks or places etc help to make industry

popular. People are investing in it and the consumers are large in numbers. Thus it can easily be inferred that the backbone is the infrastructure. The other options cannot be inferred from the passage. Thus, option C is the correct answer

367) Answer: D

It can be understood that for any industry to run successfully ultimately the customers play the main role. If they are satisfied and choose a product that becomes a hit. In the hospitality industry which is all about serving customers their review and satisfaction matters the most. Thus, option D is the correct answer

368) Answer: B

It is clearly mentioned in the passage 'The sector accounted for 9.3 percent of total employment generated in the country in 2016 and the employment in the sector is expected to rise to 46.42 million by 2026. This means the industry will grow and so will the employment opportunities. Thus B is the correct answer.

369) Answer: A

It is mentioned in the passage that the government's initiatives and campaigns "Incredible India and AthitiDevoBhava" have provided the

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required impetus to the industry. Thus option A is the correct answer.

370) Answer: E

It is clear from the passage that the Government has been advertising, planning and implementing various initiatives to promote the hospitality industry. It has encouraged both national and international tours. Thus, option E is the correct answer.

371) Answer: C

Impetus (n):

Something that encourages something else to happen

Something that encourages a particular activity or makes that activity more energetic or effective

Momentum (n):

Something that arouses action or activity

So option C is the right answer.

372) Answer: A

The correct sentence will be:

The sector **accounted for** 9.3 percent of total employment generated in the country in 2016 and the employment in the sector is expected to rise to 46.42 million by 2026.

Accounts for (phrasal verb):

- To provide an explanation or reason for something
- To make up or form a part of something

Here the sentence implies that the sector forms 9.3% of total unemployment in the country. So option A is the right answer.

Other phrasal verbs meanings:

- **Found out:** discover a fact or piece of information.
- **Look over:** check, examine
- **Make up:** invent, lie about something, apply cosmetics to, forgive each other

373) Answer: C

There are errors in parts A and D:

A: 'foreign tourists' is plural so here has should be replaced with have as subject is plural

D: as per the structure has + V3, providing is incorrect, provided will be correct.

374) Answer: C

In the given sentence the given word apparitions is inappropriate. In the given sentence we need a plural noun to be modified by the adjective various. The sentence talks about the different steps that have been taken to detect passengers who are infected by the coronavirus. So here measures or

initiatives are the appropriate words, not apparitions.

Apparitions: unusual sights

So option C is the right answer

375) Answer: B

B is the right answer. We need a noun to be modified by the adjective large. The sentence talks about how many people are infected by COVID-19 show no symptoms. Percentage and Proportion will fit here. A large percentage or proportion of people means a large section of people.

So realm is inappropriate here.

- Realm – field or area
- Number- amount
- Mindset- mentality
- Disagreement – difference of opinions
- Segment – Section
- Recourse – option or alternative
- Mence- Danger
- Department – Division of large organization such as a government, university or company. Dealing with specific area or activity.

376) Answer: C

C is the right answer. We need a noun to be modified by the adjective Scientific. The sentence

talks about the shortage of scientific proof on the transmission of infectious disease on public transport vehicles. So with evidence research, data, information are synonymous to each other and will fit contextually.

Equilibrium: Balance

377) Answer: B

B is the right answer. We need a verb in the present participle form to follow the preposition FOR. The sentence talks about the association between a particular transmission event and a specific journey. Linking and connecting will fit here.

Presuppose – require

378) Answer: D

D is the right answer. We need a verb in the base form to fit the infinitive TO+VERB construction. The sentence talks about understanding the complex interactions between people and the environment. Unpick and Analyse will fit here.

- Examine – study
- Agree – accept or concur
- Pursue – Follow
- Renounce – give up
- Rogue – a dishonest person
- Merge – Join

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- Beset - Afflict
- Depart – Leave

379) Answer: A

A is the right answer. We need a verb in the past participle form to fit the present perfect tense construction. The sentence talks about how certain scientific studies have forwarded the claim that COVID-19 have forwarded the claim that COVID-19 transmission may have occurred, or could occur, on various public-transport vehicles. SHOWN and SUGGESTED will fit contextually.

- Avowed – declared
- Demonstrated – asserted or explained an argument, with examples or evidence
- Adopted – Taken on or acquired
- Based – founded
- Advanced – forwarded
- Graced – dignified
- Established – proven to be true
- Discharged – released

380) Answer: D

Surpassing – great, outstanding

Gearing – equipping, suiting, blending

Conventional, laggard – loiter, delay, snail

381) Answer: C

Disastrous – unfortunate, adverse, terrible

Rapturous, blithesome – ecstatic, joyous, blissful

Rendered – concluded, done, finished

382) Answer: B

Tandem – two, pair, couple

Supreme – cardinal, prime, highest

Tarnish – deteriorate, corrode, rust

383) Answer: A

Bolstered – encouraged, improved

Obstructed, Enervated – exhaust, tired, weaken

Stifle – suffocate, choke, throttle

384) Answer: D

Impending – approaching, imminent, pending

Receding – waning, withdrawing,

Preceding – earlier, former, prior

385) Answer: C

Aggression – attack, assault, raid

Repression – restraint, inhibition, control

Indolent – inactive, slothful, slow

Recalibration – adapt, change, modify

386) Answer: A

Inevitable – unavoidable, necessary, fated

Avertible, Dodgeable – preventable, avoidable, mendable

Assuage – calm, alleviate, mitigate

387) Answer: B

Confession, Revelation – declaration, admission, affirmation

Denial – declination, repulse, dismissal

Shun – avoid, dismiss, and cut

388) Answer: C

Breached – break, neglect, violation

Astounded - amazed, surprised, bewildered

389) Answer: D

Cited – reproduce, mention, name

Contrived, Improvised – spontaneous, extempore, unarranged

390) Answer: A

Denouement – Epilogue, culmination, unravel

Prologue, Exordium – prelude, introduction, preface

Unleash – free, loose, release

391) Answer: B

Blaring – blasting, blooming, loud

Subdued, Hushful – somber, sad, dejected

Direction (392-397):

The correct arrangement is **EBCDAF**

Sentence E introduces the paragraph by noticeable trends with respect to COVID-19 cases from the Ministry of Health and Family Welfare. Sentence B talks about the trend/data (75.3% of deaths, 83% of deaths) which was introduced in Sentence E. **Hence EB is a pair.**

It is apparent that CD is a pair. In Sentence **C we have reason** (No established cure). In Sentence **D However, there is even more reason** (COVID-19 combined with existing illnesses and medical complications). So C should follow D.

Sentence F talks about technical medical terms associated **with a situation**. If you go through all the Sentences you will come to know the **situation** mentioned in Sentence F is discussed in Sentence A.**That situation is** "The disease is lethal for those with compromised immunity brought on by age, existing respiratory infections, or essentially, malnutrition". AF is a pair and closing statements. **So correct arrangement is EBCDAF**

392) Answer: C

393) Answer: B

394) Answer: E

395) Answer: C

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396) Answer: A

397) Answer: B

The correct sequence is **BADCE.**

The passage is about the meeting between the foreign ministers of India and China.

We can clearly see that B gives the introduction of the topic of the passage; then A continues the theme of B, but A is incomplete; after A, D will come to complete it; then C continues the topic of AD; finally E gives the conclusion of the passage.

398) Answer: E

The correct sequence is **BADCE.**

The passage is about the meeting between the foreign ministers of India and China.

We can clearly see that B gives the introduction of the topic of the passage; then A continues the theme of B, but A is incomplete; after A, D will come to complete it; then C continues the topic of AD; finally E gives the conclusion of the passage.

399) Answer: B

The correct sequence is **BADCE.**

The passage is about the meeting between the foreign ministers of India and China.

We can clearly see that B gives the introduction of the topic of the passage; then A continues the theme of B, but A is incomplete; after A, D will

come to complete it; then C continues the topic of AD; finally E gives the conclusion of the passage.

400) Answer: D

The correct sequence is **BADCE.**

The passage is about the meeting between the foreign ministers of India and China.

We can clearly see that B gives the introduction of the topic of the passage; then A continues the theme of B, but A is incomplete; after A, D will come to complete it; then C continues the topic of AD; finally E gives the conclusion of the passage.

401) Answer: A

The correct sequence is **BADCE.**

The passage is about the meeting between the foreign ministers of India and China.

We can clearly see that B gives the introduction of the topic of the passage; then A continues the theme of B, but A is incomplete; after A, D will come to complete it; then C continues the topic of AD; finally E gives the conclusion of the passage.

402) Answer: A

The correct spelling is 'neuroscientist'.

Therefore, option A is the correct answer to this question.

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403) Answer: A

The correct word used in the context should be 'indivisibility'.

Therefore, option A is the correct answer to this question.

404) Answer: C

The correct spelling is 'discrepancy'.

Therefore, option C is the correct answer to this question.

405) Answer: A

There is a problem in the first word, that is, A. The sentence is in simple present tense, *getting* implies continuous tense. Therefore is incorrect, and should be replaced with *get*.

Therefore, option A is the correct answer.

406) Answer: D

There is a problem in the fourth word, that is, D. *moratorium* is the correct spelling.

Therefore, option D is the correct answer.

407) Answer: A

There is a problem in the first word, that is, A. The word *inducted* meaning admit (someone) formally to a post or organization/install in a seat or room, is incorrect to this context.

Can be replaced with *introduced.*

Therefore, option A is correct answer.

408) Answer: C

Recommendation is incorrect as it uses singular tone in contrast to the sentence context. It should be replaced with *recommendations.*

All other parts are error-less

Therefore, option C is the correct answer.

409) Answer: A

The use of the word *comes* signify the singular tone, but *reports* as used here is in plural form and thus, incorrect. It should be replaced with *report.*

All other parts are error-less

Therefore, option A is the correct answer.

410) Answer: D

Margenalisation is incorrectly spelt and should be replaced as *marginalisation* referring treatment of a person, group, or concept as insignificant or peripheral.

All other parts are error-less

Therefore, option D is the correct answer.

411) Answer: B

The word which makes the sentence grammatically correct and meaningful is '**speculated**'.

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Impregnated- saturate.

Agonize- manifesting, suffering, or characterized by great physical or mental pain.

Relay- a group of people who continue an activity that others from the same team or organization have been doing previously.

Transcend- to go beyond or rise above a limit.

Speculated- to guess possible answers to a question when you do not have enough information to be certain

412) Answer: D

The word which makes the sentence grammatically correct and meaningful is 'mitigate'.

Effectuate- put into force or operation.

Mitigate- make (something bad) less severe, serious, or painful.

Precipitate- cause (an event or situation, typically one that is undesirable) to happen suddenly, unexpectedly, or prematurely.

Conciliate- stop (someone) being angry or discontented; placate

413) Answer: B

The word which makes the sentence grammatically correct and meaningful is 'accorded'.

Encapsulated- express the essential features of (something) succinctly.

Averts- prevent or ward off (an undesirable occurrence).

Accord- give or grant someone (power, status, or recognition).

Overweening- showing excessive confidence or pride.

414) Answer: C

The word which makes the sentence grammatically correct and meaningful is 'comprised'.

Comprised- to have things or people as parts or members/ to consist of.

Stumbling- tripping or losing balance while walking/ moving with difficulty.

Swamping- overwhelm or flood with water.

Attenuated- having been reduced in force, effect, or value.

Contrived- artificial and difficult to believe.

415) Answer: E

The most suitable set of words to fill the blanks to make the sentence grammatically correct and contextually meaningful is "generous, voluntary".

Generous - showing a readiness to give more of something, especially money

Voluntary - done, given, or acting of one's own free will.

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416) Answer: D

The most suitable set of words to fill the blanks to make the sentence grammatically correct and contextually meaningful is "urged, evacuate".

Urged- A desire

Evacuate- remove (someone) from a place of danger to a safer place.

417) Answer: A

The most suitable set of words to fill the blanks to make the sentence grammatically correct and contextually meaningful is "epicenter, subsequent

Epicenter - the point on the earth's surface vertically above the focus of an earthquake.

Subsequent - coming after something in time; following.

418) Answer: D

In the given sentence, only 'adversary, disguise, venture' make it grammatically as well as contextually correct.

Option A): is incorrect because quirk means a strange habit which does not fit here.

Option B): is incorrect as 'revel' means lively and noisy enjoyment which does not fit here.

Option C): is incorrect because boisterous means cheerful.

Option D): is the correct alternative among the following as 'disguise' means give (someone or oneself) a different appearance in order to conceal one's identity venture means a risky or daring journey or undertaking and 'adversary' fit here both grammatically and contextually.

419) Answer: A

In the given sentence, only 'captivating, instilling, for' make it grammatically as well as contextually correct.

Option A): is the correct alternative among the following as 'captivating' means capable of attracting and holding interest, 'instilling' means gradually but firmly establish (an idea or attitude) in a person's mind and 'for' fit here both grammatically and contextually.

Option B): is incorrect as 'of' preposition does not fit here.

Option C): is incorrect because recuperate means recover from illness which does not fit here.

Option D): is the incorrect as 'whimsical' means playful which does not make any sense here.

420) Answer: C

In the given sentence, only 'avoid, of, abstinence' make it grammatically as well as contextually correct.

Option A): is incorrect as garrulous means excessively talkative which does not fit here contextually.

Option B): is incorrect as 'to' preposition does not make any sense here.

Option C) is the correct alternative among the following as abstinence means the practice of restraining oneself from indulging in something, typically alcohol and 'avoid, of' which fit here both grammatically and contextually.

Option D): is the incorrect as 'revelry' means lively and noisy festivals which does not fit here.

421) Answer: A

In the given sentence, only 'firing back, rampant, sacrosanct' make it grammatically as well as contextually correct.

Option A): is the correct alternative among the following as 'firing back, rampant, sacrosanct' fit here both grammatically and contextually.

Option B): is incorrect as 'ennui' means boredom which does not make any sense here.

Option C): is incorrect because 'progeny' means offspring which does not fit here.

Option D): is the incorr ect as 'Ask out' means invite on a date.

422) Answer: C

The correct rearrangement of the words marked in bold will be **BACD**. Also, 'guard' is incorrect and must be replaced with 'grip' to impart contextual meaning in the sentence. Hence, option (c) is the correct choice.

Guard- protect against damage or harm.

Grip- a firm hold/ a tight grasp.

423) Answer: D

The correct rearrangement of the words marked in bold will be **DCBA**. Also, 'incredible' is incorrect and must be replaced with 'massive' to impart contextual meaning in the sentence. Hence, option (d) is the correct choice.

Incredible- too extraordinary and improbable to be believed.

Massive- exceptionally large.

424) Answer: B

The correct rearrangement of the words marked in bold will be **BCDA**. Also, none of the words is incorrect in context of the given sentence. Hence, option (b) is the correct choice.

425) Answer: D

The correct rearrangement of the words marked in bold will be **DBAC**. Also, 'deferred' is incorrect and must be replaced with 'derived' to impart

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contextual meaning in the sentence. Hence, option (d) is the correct choice.

Derived- obtain something from (a specified source).

Deferred- put off (an action or event) to a later time; postpone.

426) Answer: A

The correct sentence and the correct word which will be replaced is:

The National Gallery of Modern Art, New Delhi was founded in 1954 as the **premier** museum of modern art. It houses and **showcases** masterpieces of the changing art forms of modern India **spanning** more than one hundred and fifty years. The museum continues to **reaffirm** its role as a repository modern and contemporary visual, plastic and media arts.

According to this the interchange position will be a-c, b-d.

Here **unbridled** will be replaced by **reaffirm.** As the sentence is talking about National Gallery of Museum Art, which is a collection of unique pieces of modern art conserved from 150 years.

The word unbridled is incorrect because:

Unbridled (adj): uncontrolled, not controlled or limited

Reaffirm (v): to give your support to a person, plan, idea, etc. for a second time; to state something as true again

To affirm (something) again especially so as to strengthen or confirm

E.g. The government yesterday reaffirmed its commitment to the current peace process.

Premier (adj): best or most important

E.g. He's one of the nation's premier scientists.

Spanning (n): the period of time that something exists or happens:

E.g. an average lifespan of 70 years

The sentence states the museum again and again proved itself for unique modern art pieces so reaffirm is appropriate word here. So option A is the right answer.

427) Answer: E

The sentence and words are both correct, so no improvement is required.

428) Answer: B

'Misjudge needs to be replaced with 'judge'. Here the sentence talks about a contest which must be judged judicially and not misjudged. Note the correct sentence order.

B (Judge) would be first clearly indicating the purpose. Now the adverb 'carefully' demands

another verb to modify it correctly. This need stands best sufficed by A. It is obvious that we analyse 'records' and take 'decisions'. Thus, the correct order would be B-A & D-C.

The correct sentence would be, "To judge the cleanest city contest, we have to carefully analyse all the records in front of us and then take the decision. So, the correct option is B.

429) Answer: C

Indonesia has consciously taken a moderate tone on the territorial disputes between its fellow **ASEAN member states,** including Vietnam and the Philippines on the one hand, and China on the other.

States is the correct usage. The statement talks about many States like Vietnam, Philippines, China

430) Answer: A

Both while and when are used when two things happen at the same time, but we tend to use while with two continuous actions and when with two single actions (one after another).

Right now, I'm recording a video while my husband is working. We have two continuous actions, I'm recording and my husband is working.

when I get home, I take off my shoes. That's also two single actions. I get home and I take off my shoes.

I picked up the phone when it rang. First, the phone rang, and then immediately I picked up the phone.

While intellectuals can argue about the sources of Chinese conduct, peasants with their common sense can point to answers lying in plain sight

Action 1. intellectuals can argue about the sources

Action 2. peasants with their common sense can point to answers

Both action takes place at the same time. So, while is used.

431) Answer: B

The real challenge for Delhi in managing its **expansive** territorial dispute with Beijing, then, is to redress the growing power imbalance with China.

Expansive- widened, expensive – costly

432) Answer: B

The trajectory of fresh COVID-19 cases shows that this was aggravated by the **bungled** response to the concerns of migrant labor, exposing thousands of workers and their communities to infection.

433) Answer: B

In part B, "logistics" should be replaced with "logistical" as we need an adjective before the noun "costs".

In part D, "boosts" should be replaced with "boost" as we need the base form of verb (V1) after "to"; in part B we have "to".

Other parts are correct.

434) Answer: C

In part C, "consist" should be replaced with "consists" as the subject "the Proxgy core team" is singular, and after singular subject we should use "V5" (V+s/es).

Other parts are correct.

435) Answer: E

The sentence is grammatically correct.

436) Answer: D

Part D is incorrect as 'segments' should be replaced with 'segment'.

437) Answer: C

Part C is incorrect as 'recent' should be replaced with 'recently'.

438) Answer: E

There is no error in the given sentence.

439) Answer: C

From the given options only B-E , C-F is matched and make a meaningful sentence. The correct answer after matching will be

(B-E): Efforts to explain how the pterosaurs became airborne have led to suggestions that they launched themselves by jumping from cliffs, by dropping from trees, or even by rising into light winds from the crests of waves.

(C-F): The first wrongly assumes that the pterosaurs' hind feet resembled a bat's and could serve as hooks by which the animal could hang in preparation for flight.

Other options, A-E, B-D; B-F, C-D ;A-F, B-D does not make sense grammatically and contextually

440) Answer: C

From the given options only A-E is matched and make a meaningful sentence. The correct answer after matching will be

(A-E): For every person counted in the monthly unemployment tallies, there is another working part-time because of the inability to find full-time work, or else outside the labor force but wanting a job.

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Other options, A-F ,B-E ,C-Edoes not make sense grammatically and contextually.

441) Answer: B

From the given options only B-D is matched and make a meaningful sentence. The correct answer after matching will be

(B-D): Cash profits from government-owned mines were already on the decline because the most easily worked deposits of silver and gold had been exhausted, although debasement of the coinage had compensated for the loss.

Other options, A-F ,B-E ,C-E does not make sense grammatically and contextually.

442) Answer: C

Among the given sentences, only (B) and (D) can be connected using 'because' to make the sentence given below:

India is facing a second wave of coronavirus because it let its guard down too soon.

Hence, option (c) is the most suitable answer choice.

443) Answer: D

Among the given sentences, only (B) and (F) can be connected using 'but' to make the sentence given below:

Iron-powered electric vehicles are surging in China, but concerns remain about their range and cold-weather performance.

Hence, option (d) is the most suitable answer choice.

444) Answer: D

Among the given sentences, only (B) and (E) can be connected using 'but' to make the sentence given below:

The minister opined that rainwater can also be collected in the water bodies and lakes provided that they are clean.

Hence, option (d) is the most suitable answer choice.

445) Answer: E

Among the given sentences, only (A) and (E) can be connected using 'even though' to make the sentence given below:

Kohli did not give the ball to Hardik Pandya at all in the match, even though the all-rounder had bowled in the T20Is.

Hence, option (e) is the most suitable answer choice.

446) Answer: E

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Among the given sentences, only (C) and (E) can be connected using 'while' to make the sentence given below:

The amount of bribe — Rs 20,000 — was recovered on the spot, while searches were also conducted in the house of the accused.

Hence, option (e) is the most suitable answer choice

447) Answer: D

(a-f): In a phone call with Prime Minister Narendra Modi on Monday, U.S. President Joe Biden said that his government would quickly deploy a number of COVID19 related supplies to help India battle its current crisis with the pandemic.

(c-e): In the longer term, New Delhi wants Washington to consider a shift in its long held state policies for the duration of the pandemic, which may be a more difficult proposition as it includes setting aside patent rights for pharmaceuticals produced in the U.S.

448) Answer: C

(a-d): In India, the question of marrying the idea of promoting invention and offering exclusive rights over medicines on the one hand with the state's obligation of ensuring that every person has equal access to basic healthcare on the other has been a source of constant tension.

(b-e): The ink had barely dried on the new law, though, when negotiations had begun to create a WTO that would write into its constitution a binding set of rules governing intellectual property.

(c-f): Most recently, it has been reported that the technology involved in producing the Moderna vaccine in the U.S. emanated out of basic research conducted by the National Institutes of Health, a federal government agency, and other publicly funded universities and organisations

449) Answer: A

(c-e): Who would have ever imagined that the India of 2021 which boasts sending rockets to the stars and manufactures oxygen on an industrial scale would one day be unable to supply oxygen to save her own people

450) Answer: B

In the passage, it is mentioned that "In a scene in the 2017 movie The Post, a group of journalists peer into a cardboard box holding the Pentagon Papers. It is an exciting and equally **stressful moment**: the **team has a mere 10 hours to sift through 4,000 pages**, make sense of them, and hammer out a report for the city edition."

The author says these words in order to mention that the task of the journalists is seemingly impossible and very stressful task as they are given deadlines to complete a whole lot of work.

Therefore, option B is the correct answer.

451) Answer: C

In the passage, it is mentioned that "The cold and indifferent **document** provides a news copy with protection as tough as Teflon; **it makes the story undeniable. It is for this reason that reporters spend most of their time chasing documents**."

Therefore, C is the correct answer.

452) Answer: B

In the given passage, it is mentioned that "Often, journalism is just about following that **paper trail**. It is about knowing where else to go looking for a document that has been denied to us by one source."

Therefore, B is the correct answer.

453) Answer: E

In the given passage, it is mentioned that "This is why we coax and convince sources to part with papers", "With multiple social media sharing platforms, often voluminous reports land directly on our phones", "Sometimes, if a source is too reluctant to part with the documents, we try and convince them to allow us to photograph a few pages".

From all the three statements, we can infer that option E is the correct answer.

454) Answer: D

In the given passage, the author is expressing the importance of documents and has a positive attitude towards the documents than anything else. All the options except D get eliminated as they are expressing negative statements about the documents.

Therefore, option D is the correct answer.

455) Answer: C

The correct statement after the rearrangement is:

They will never blame you for a **(A)misquote** especially in the face of an **(B)unflattering** story. The spoken word can be denied, **(C)retracted** and changed before a story, whereas documents mostly leave no room for **(D)doubts** or questions.

Retracted means 'withdraw (a statement or accusation) as untrue or unjustified'.

Misquote means 'quote (a person or a piece of written or spoken text) inaccurately'.

Therefore, option C is the correct answer.

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456) Answer: A

The conjunction 'and' joins two similar ideas. Therefore, we need a word that is similar to the word 'convince'. The word '**Coax'** means 'gently and persistently persuade or convince (someone) to do something.'

Therefore, option A is the correct answer.

457) Answer: B

The passage is about "the vaccine roll-out was slow and marked by a complicated and inefficient procurement which exacerbated inequalities in access to vaccines between states and between the rich and the poor".

Option C is incorrect; options D and E make some sense but cannot be inferred from the above passage. Out of options A and B, B is the most suitable answer.

458) Answer: C

Refer to the second paragraph- "After a great deal of tumult and the loss of precious time, the central government has announced a course correction and decided on the central procurement of vaccines. This is long overdue and a welcome move."

From the above quoted lines we can say that option C is the correct answer.

459) Answer: B

The only statement which is false is B

Refer to the third paragraph- "Even if these divisions were a secret before March 2020, the first wave definitely unveiled these in too glaring a light to be ignored. It should have been obvious that making access to an English-language smartphone-based app compulsory for getting vaccinated would be a recipe for guaranteed exclusion".

460) Answer: D

Correct option is D

When the caseload was low between October 2020 and February 2021, the government could have made productive use of the lull to push for speedy and free mass vaccination, as many experts had recommended. But it did not, **because it believed that India had won the war against the pandemic, that India was somehow immune to second waves which had ravaged other countries around the world.**

All the remaining options will not logically complete the meaning of the paragraph.

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461) Answer: E

The highlighted word tumult means a state of confusion or disorder especially one caused by a large mass of people.

All the three words are synonyms of tumult. Hence, option E is the correct answer.

462) Answer: D

The correct interchange of words will be c-d

In a country with low smartphone penetration, lack of English fluency and a deep digital divide, the logic of making vaccine access conditional on app-based registration is mysterious at best and callous at worst.

Callous- having or showing a lack of sympathy or tender feelings

463) Answer: B

Error in A- An will be used instead of "a"

Error in C- long-stand will be replaced by long-standing

Error in D- Whether is always followed by or not and

Error in E- Owners will be replaced by "ownership"

Hence option B is the correct answer.

464) Answer: D

The word 'attenuate' fits correctly in the blank A as it means 'reduce the force, effect, or value of'. The passage is talking about climate change scientists who recently joined hands with biodiversity researchers to call for a global policy approach that takes an integrated view of measures to reduce climate change.

Therefore, D is the correct answer.

465) Answer: A

The meaning of the word 'undermine' is 'lessen the effectiveness, power, or ability of, especially gradually or insidiously'. 'Debilitate' is the synonym of the given word as it means 'hinder, delay, or weaken something'.

Therefore, option A is the correct answer.

466) Answer: C

The meaning of the word 'abysmal' is 'extremely bad; appalling'. 'Appealing' is the antonym of the given word as it means 'attractive or interesting'.

Therefore, option C is the correct answer.

467) Answer: B

The singular subject 'national policy' should be followed by a singular verb 'aims'. 'to' should be followed by the base form of the verb (blend). The verb 'blend' always takes the preposition 'with'.

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All the rules are correctly followed only in sentence B.

Therefore, option B is the correct answer.

468) Answer: A

The word 'depletion' means 'reduction in the number or quantity of something'. Therefore, we can understand that the given sentence means that the policy inconsistencies in this country have resulted in rapid decrease in water tables in vast portions of the country.

Therefore, option A is the correct answer.

469) Answer: B

The sentence following the blank is talking about some effort that needs government of India's support. All other sentences except B get eliminated as they are generic statements and are not talking about any attempt or effort.

Therefore, option B is the correct answer.

470) Answer: D

Meagerness

Paucity- meagerness, scarcity, lack

(Opposite) - Abundance

Sanctity- holiness, goodness, supremacy

Inviolability- safety

471) Answer: C

From the above sentences given, all describe the pandemic situation and death count in the country and also testing of Covid patients, surveillance in the containment areas. But sentence B denotes the implementation of e-office software which is clearly out of the central theme of the given sentences.

472) Answer: B

As we read the sentences carefully, we get to know that the paragraph is about new variants of COVID-19 virus and how people are getting infected easily with the same. Hence **E** will be the first sentence of the paragraph. Then comes the tension because of the lack of preparedness and inability to lessen or control the surge of infection. Hence **C** will be the second sentence of the paragraph. After this, we find out that limited equipment shows raging in cases, making it a challenge. Hence **G** will be the third sentence of the paragraph. Following it, **D** will be the fourth sentence of the paragraph as it shows the restrictions in the challenge because of slow testing of suspected persons. After this, it tells about poorer conditions in rural areas. Hence **F** will be the fifth sentence of the paragraph. At the end, because of the conditions in rural areas, the

paragraph gives information about struggling villages due to increasing cases and deaths because of worsening healthcare systems. Hence **A** will be the last sentence of the paragraph.

Correct rearrangement- (E) Riding on more potent mutants and variants that are finding easy prey as people let go of Covid protocols, the ruthless coronavirus is increasingly ripping deeper into the rural pockets of the country.

(C) This is worrisome, for our medical system is neither prepared nor equipped to handle the fast-approaching Covid surge in the hinterland.

(G) The limitations in the health infrastructure are a prescription for a disaster if the raging second wave of the pandemic is not tamed, however, the task is challenging.

(D) It is further hampered by the paucity of testing and surveillance systems.

(F) The rural healthcare centers are utterly inadequate and poorly staffed.

(A) The villages are reeling under the onslaught of the steep wave as the caseload and death count mount.

473) Answer: A
D- Henceforth
Replace "henceforth" with "however"

The other part of the sentence followed by henceforth is contrasting, so we need to replace it with however.

474) Answer: A
Riding on more potent mutants and variants that are finding easy prey as people let go off Covid protocols, the ruthless coronavirus is increasingly ripping deeper into the rural pockets of the country.

475) Answer: B
The correct pair of synonym for nascent is "aborning, inchoate"
Nascent means beginning to come into existence, incipient, budding
Precocious- occurring before the usual or expected time
Mortified- to throw into a state of self-conscious distress
Chagrined- upset

476) Answer: D
The correct pair of antonym for unvarnished is "adorned, caparisoned"
Unvarnished= free from all additions or embellishment
Adorned= to make more attractive by adding something that is beautiful or becoming

Spartan- providing only the essentials and nothing fancy or luxurious

Lucullan= showing obvious signs of wealth and comfort

Denuded= lacking a usual or natural covering

Subdued- not excessively showy

Flamboyant= excessively showy

477) Answer: C

Among the given words, 'forsake' is not similar in meaning to 'restore'. Hence, option (c) is correct.

Restore- (i) bring back or re-establish (a previous right, practice, or situation).

(Synonyms- Reinstate)

(ii) repair or renovate (a building, work of art, etc.) so as to return it to its original condition.

(Synonyms- Upgrade, Overhaul)

Forsake- abandon or leave

478) Answer: A

Among the given words, 'affluence' is not similar in meaning to 'penury'. Hence, option (a) is correct.

Penury- the state of being very poor; extreme poverty

(Synonyms- Indigence, Destitution, Deprivation)

Affluence- the state of having a great deal of money; wealth

479) Answer: E

None of the given sentences have inferred the correct meaning of the given highlighted words. Hence, option (e) is correct.

Perilous- full of danger or risk

Perennial- lasting or existing for a long or apparently infinite time; enduring or continually recurring.

(Synonyms- everlasting, ceaseless, abiding, undying)

480) Answer: C

All (a-e), (b-d) and (c-f) can be matched. The final paragraphs will be,

(b-d): Tap is not a new entrant but it continues to engage the 'teenage to young adult' fan base, who like to read stories in the form of text messages. Each series comes with the number of taps required to finish it, a number that may look staggering but usually takes under one hour to finish a title.

(c-f): The government has approved the allocation of 5MHz spectrum in the 700MHz (4G) band to Indian Railways to improve its communication and signalling systems, Union minister Prakash Javadekar said after a cabinet meeting on Wednesday.The spectrum from the government will be used in a five-year project to upgrade 34000

km of tracks, with Rs 12,000 crore to be invested in signalling systems and another Rs 12,000 crore in infrastructure for the 4G spectrum.

(a-e): Priyanka said the entire truth about who nurtured and protected criminals like Vikas, accused of masterminding the killing of eight policemen and believed to have been politically connected, must come out. "Unless the nexus between criminals and politicians is exposed, justice cannot be delivered," she said.

481) Answer: A

All (a-f), (b-e) and (c-d) can be matched. The final paragraphs will be,

a-f: A revealing example of efforts to destroy learning based on reason and a scientific approach is the inclusion of a book by a businessman and yoga teacher in a university syllabus just after he proclaimed allopathy to be a 'stupid science. The sequence of events is dangerous, especially in the context of the countrywide protests by doctors against Mr Ramdev's comments in the midst of the pandemic.

b-e: The order will address a number of applications and bolster recent actions the Biden administration has taken to curb the growing influence of Chinese technology companies. And it is the first significant step Biden has taken to

address a challenge left for him by President Donald J. Trump, whose administration fought to ban TikTok and force its Chinese-owned parent company, ByteDance, to sell the app.

c-d: Company's stock skyrocketed last year, benefiting from all the people who were online amid the pandemic, the same wave that helped other tech companies like Zoom before coming back down over the past several months. Before the system

crashed, the stock had more than doubled since the company went public in 2019.

482) Answer: D

b-d: Result and Skill were found to be insignificant in explaining the preference for Test cricket and T20, respectively. Excitement was the most dominant factor to explain the preference for T20 whereas skill determined admiration for Test matches.

c-f: Recognition and appreciation by the powers that be need not guarantee meaningful change. For the latter to take place, women must have an equal stake in devising policy concerning their roles and rights.

a-e can be joined. The sentences are contextually correct but are not grammatically sound.

Hence, D is the right answer choice.

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483) Answer: B

a-e: In the opposite direction came a steady tide of goods manufactured in Britain that flooded Indian markets. The resulting devastation of the agrarian economy can be seen in the fate of cotton in the province of Berar (in the Vidarbha region of Maharashtra).

b-d: Maritime nations like the US have long argued that the phrase "other internationally lawful uses of the sea" means that they can enjoy the freedom to operate in the EEZ. They also cite Article 87 that lists freedoms in the high seas, including freedom of navigation, implying that this applies to the EEZ.

c-f can be joined and they are contextually correct but the sentences are grammatically incorrect.

Hence, B is the right answer choice.

484) Answer: D

The correct sequence of the sentences after rearrangement is: BACFDE

• The British Empire of the nineteenth century displayed and **(A) embodied** racism in its **(B) composite** and it created grounds on which it could **(C) justify** the imperialist actions that it **(D) executed** throughout the world during this century.

• Actions such as extending its power, influence, and domination to continents like Africa and Asia and imposing 'Britishness' in such places.

• Many scholars in the existing scholarly literature have agreed on the point that racism was used as a tool of justification for imperial actions, such as Andrew and Deborah Spillman.

• However, the scholars that discuss this role of racism all begin their argument with the presupposition and acknowledgement of racism's existence within the composite of the Empire.

• While I do believe in their conclusions, I want to trace (A)/ the development of racism and its solidification as (B)/ 'common knowledge' in the Empire and how it (C)/ manifested in popular culture, specifically in the nineteenth century. (D)

• To begin, I will explicate the development and growth of 'scientific knowledge' in the Empire and next, I will explain how this 'scientific knowledge' actuated and allowed for the support and strengthening of racism in the imperial Empire of Britain.

Therefore, B is the first statement as it is an independent sentence and is introducing the subject 'the British Empire of the nineteenth century'.

485) Answer: C

The correct sequence of the sentences after rearrangement is: BACFDE

- The British Empire of the nineteenth century displayed and (A) **embodied** racism in its (B) **composite** and it created grounds on which it could (C) **justify** the imperialist actions that it (D) **executed** throughout the world during this century.

- Actions such as extending its power, influence, and domination to continents like Africa and Asia and imposing 'Britishness' in such places.

- **Many scholars in the existing scholarly literature have agreed on the point that racism was used as a tool of justification for imperial actions, such as Andrew and Deborah Spillman.**

- However, the scholars that discuss this role of racism all begin their argument with the presupposition and acknowledgement of racism's existence within the composite of the Empire.

- While I do believe in their conclusions, I want to trace (A)/ the development of racism and its solidification as (B)/ 'common knowledge' in the Empire and how it (C)/ manifested in popular culture, specifically in the nineteenth century. (D)

- To begin, I will explicate the development and growth of 'scientific knowledge' in the Empire and next, I will explain how this 'scientific knowledge' actuated and allowed for the support

and strengthening of racism in the imperial Empire of Britain.

Therefore, we can understand that F-D is the adjoining pair adjoining pair before the last sentence after rearrangement.

486) Answer: E

The correct sequence of the sentences after rearrangement is: BACFDE

Empire and how it (C)/ manifested in popular culture, specifically in the nineteenth century. (D)

- To begin, I will explicate the development and growth of 'scientific knowledge' in the Empire and next, I will explain how this 'scientific knowledge' actuated and allowed for the support and strengthening of racism in the imperial Empire of Britain.

Therefore, F is the fourth sentence after the rearrangement.

487) Answer: B

The correct statement after interchanging the words is:

The British Empire of the nineteenth century displayed and **(A) embodied** racism in its **(B) composite** and it created grounds on which it could **(C) justify** the imperialist actions that it **(D) executed** throughout the world during this century.

The word displayed is in V3 form, the verb coming after the conjunction should also be in the V3 form. The modal 'could' is always followed by the base form of the verb. So, A and C should be interchanged.

Therefore, B is the correct answer.

488) Answer: D

The correct sentence after rearrangement is:

While I do believe in their conclusions, I want to trace (A)/ the development of racism and its solidification as (B)/ 'common knowledge' in the Empire and how it (C)/ manifested in popular culture, specifically in the nineteenth century. (D)

Therefore, D is the correct answer.

489) Answer: D

The correct sentence after rearrangement is:

While I do believe in their conclusions, I want to trace (A)/ the development of racism and its solidification as (B)/ 'common knowledge' in the Empire and how it (C)/ manifested in popular culture, specifically in the nineteenth century. (D)

Therefore, D is the correct answer.

490) Answer: C

3-5 and 2-4 will be interchanged to make both the statements grammatically correct and contextually meaningful. The correct sentences will be,

(I)A **possible (1)** way out was to have **agreed (2)** to Italy's offer of compensation and a trial in its own **jurisdiction (3)**.

(II) Despite its clear **importance (4)**, the implications of an increase in **residential (5)** cooling demand have not been **carefully (6)** examined.

Hence, C is the right answer choice.

491) Answer: A

1-4 and 2-6 will be interchanged to make both the statements grammatically correct and contextually meaningful. The correct sentences will be,

(I)Currently, **data (1)** for the first three quarters of 2020-21 are **available (2)**, during which 86% of the **equity (3)** inflows for the financial year were received.

(II)Nobel-winner physicist Richard Feynman **coined** the **term (4)** 'cargo cult science' to **describe (5)** all kinds of pseudoscience that **passed (6)** off for science over the ages.

Hence, option A is the right answer choice.

492) Answer: D

Both 1-5 and 3-4 will be interchanged to make both the statements grammatically correct and contextually meaningful. The correct sentences will be,

(I)If one has a **bad (1)** cold, a **concoction (2)** of crushed black pepper and turmeric boiled in milk will do **wonders (3)**.

(II)Scientific **progress (4)** has been possible only because the great men of science **acknowledged (5)** their ignorance and were not **afraid (6)** to question.

Hence, option D is the right answer choice.

493) Answer: A

A major **responsibility** in a federal country with strong centralising **features** is to maintain the **balance**, as well as mutual respect, between political **structures** at the central and State levels.

494) Answer: B

At the open UN Security Council session on the Gaza **conflict**, India, a nonpermanent member, attempted a delicate balancing act by **reaffirming** its **traditional** support for the Palestine cause without **abandoning** its new friend Israel.

495) Answer: D

Here, statements II and V are incorrect.

In statement II, it will be 'but also for' and not 'but for also'.

In statement V, it should be 'territorial' instead of 'territory'.

Hence, D is the right answer choice.

496) Answer: E

Here, all the statements are contextually meaningful and grammatically correct. Hence, E is the right answer choice.

497) Answer: B

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Here, statements III and V are grammatically incorrect.

In statement III, 'in' should be used instead of 'at' before 'Bengal'

In statement V, 'is' should be used instead of 'are' after 'everyone'

Hence, B is the right answer choice.

498) Answer: D

Here, statements II and V are grammatically incorrect.

In statement II, 'into' should be used instead of 'in'

In statement V, 'refused' should be used instead of 'refuse' as we use past participle form of verb with 'had'.

Hence, option D is the right answer choice.

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