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TEST FORM NUMBER

Maximum Marks : 100
Total Questions : 100
Time Allowed : 60 Min.

INSTRUCTIONS TO CANDIDATE

Read the following instructions carefully before you begin to attempt the questions.

(1) This booklet contains **100 Questions** in all comprising the following **three** parts.

    Part-(I) : Reasoning Aptitude   **(35 Questions)**

    Part-(II) : Quantitative Aptitude   **(35 Questions)**

    Part-(III) : English Language   **(30 Questions)**

(2) All the questions are compulsory and carry equal marks.

(3) Before you start to attempt the questions you must explore this booklet and ensure that it contains all the pages and find that no page is missing or replaced. If you find any flaw in this booklet, you must get it replaced immediately.

(4) **Each question carries negative marking also as 0.25 mark will be deducted for each wrong answer.**

(5) You will be supplied the Answer-sheet separately by the invigilator. You must complete the details of Name, Roll number, Test name/Id and name of the examination on the Answer-Sheet carefully before you actually start attempting the questions. You must also put your signature on the Answer-Sheet at the prescribed place. These instructions must be fully complied with, failing which, your Answer-Sheet will not be evaluated and you will be awarded 'ZERO' mark.

(6) Answer must be shown by completely blackening the corresponding circles on the Answer-Sheet against the relevant question number by **pencil or Black/Blue ball pen** only.

(7) A machine will read the coded information in the OMR Answer-Sheet. In case the information is incompletely/ different from the information given in the application form, the candidature of such candidate will be treated as cancelled.

(8) The Answer-Sheet must be handed over to the Invigilator before you leave the Examination Hall.

(9) Failure to comply with any of the above Instructions will make a candidate liable to such action/penalty as may be deemed fit.

(10) Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any question.

(11) Mobile phones and wireless communication device are completely banned in the examination halls/rooms. Candidates are advised not to keep mobile phones/any other wireless communication devices with them even switching it off, in their own interest. Failing to comply with this provision will be considered as using unfair means in the examination and action will be taken against them including cancellation of their candidature.

(12) No rough work is to be done on the Answer-Sheet.

(13) No candidate can leave the examination hall before completion of the exam.

NAME OF CANDIDATE:..
DATE :........................ CENTRE CODE :................
ROLL No ....

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

Reasoning Aptitude

1. In the following question, two statements are given and two conclusions are given below these statements. Choose the option which shows the conclusions which logically follow from the given statements, disregarding commonly known facts.
Statements: Some shades are colours.
Some filters are colours.
Conclusions: I. All filters are shades.
II. No filters can ever be shades.
(A) Only I follows
(B) Only II follows
(C) Either I or II follows
(D) Both I and II follow
(E) Neither I nor II follows

2. In the question given below, two statements are given followed by conclusions: I, II and III. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.
Statements: Only a few pictures are motifs.
Only a few graphics are motifs.
Conclusions: I. Some graphics are definitely not motifs.
II. Some pictures are graphs.
III. All pictures can never be motifs.
(A) Either I or III follows
(B) Only I and III follows
(C) All of I, II and III follow
(D) Only III follows
(E) Only II and III follow

3. In the question given below, two statements are given followed by conclusions: I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.
Statements: Only a few queries are solutions.
Only a few solutions are candies.
Conclusions: I. At least some queries are candies.
II. Some solutions are definitely not candies.
(A) Either I or II follows
(B) Both I and II follow
(C) Only I follows
(D) Neither I nor II follows
(E) Only II follows

Directions [4-8]: Eight persons A, B, C, D, E, F, G and H were seated in a row facing the north. B was seated 3rd to the left of A. 3 persons were seated between A and F. E was seated 4th to the right of D. B was not neighbouring D. C was seated neighbouring G. 2 persons were seated between C and D. At least 2 persons were seated to the left of H.

4. Who were seated at the extreme ends?
(A) B, E
(B) F, C
(C) B, C
(D) E, F
(E) None of the above

5. How many persons were seated to the left of H?
(A) 2
(B) 3
(C) 4
(D) 5
(E) Cannot be determined

6. What was the position of D with respect to A?

(A) Immediate left
(B) Immediate right
(C) 2nd to the left
(D) 2nd to the right
(E) Cannot be determined

7. How many persons were seated between A and C?
(A) None
(B) 1
(C) 2
(D) 3
(E) 4

8. In which of the following groups, is the 3rd person seated neighbouring the 1st person and the 2nd person?
(A) BHD
(B) DGC
(C) CEG
(D) HAD
(E) FAH

Directions [09-11]: Consider the string given below which consists of numbers and answer the questions.

4 6 3 2 8 9 7 0 6 5 4 9 8 7 3 9 7 6 5 7 2 1 0 9 5 8 4 5 7

9. How many such numbers are in the string which are preceded by an even number and are succeeded by a number more than '5'?
(A) 2
(B) 4
(C) 7
(D) 5
(E) 6

10. How many such numbers are there which are consecutively followed by two perfect squares?
(A) None
(B) 2
(C) 3
(D) 1
(E) 4

11. Which number is sixth to the left of the number which is nineteenth from the left end of the string?
(A) 8
(B) 2
(C) 9
(D) 7
(E) 4

Directions [12-13]: Mr Roy plots certain number of points on the paper such that point P is the midpoint of line KL and line NO. Point N is 5cm to the west of point P. Point L is 5cm to the north of point P. Point N is 10cm to the south of point Q, which is 11cm to the east of point J.

12. If point J is related to point O; point Q is related to point K, in the same way which of the following points is related to point N?
(A) Point L
(B) Point K
(C) Point O
(D) Point Q
(E) Point J

13. Point K is towards the _____ of point N.
(A) South
(B) Southeast
(C) Northwest
(D) Southwest
(E) East

Directions [14-18]: Seven people P, Q, R, S, T, U, and W are working in KBI bank and are posted at different designations. These designation in decreasing order are Chairman, CEO, MD, Branch Manager(BM), Manager, PO, and Clerk. T is junior to the Manager. R is immediately senior to T. U who is the CEO and senior to both W and R. W is neither posted as MD nor as BM. S is immediately senior to W. P is junior to Q.

14. How many people are senior to P?
(A) 1
(B) 2
(C) 4
(D) 3

(E) 5

15. What is the designation of S?
   (A) MD   **(B)** BM
   (C) Manager   **(D)** PO
   (E) Chairman

16. Which of these statements is true?
   (A) Only two people are seniors to S
   (B) Q is Junior to U
   (C) W is junior to T
   (D) The designation of R is PO
   (E) All the statements are true

17. How many people are junior to W?
   (A) 1   **(B)** 2
   (C) 3   **(D)** None
   (E) 5

18. The number of people senior to S is the same as the number of people junior to _____.
   (A) Manager   **(B)** MD
   (C) BM   **(D)** PO
   (E) CEO

Directions [19-23]: In a shoe store, seven types of women's shoes are kept on seven different racks, stacked one over another. The racks are numbered from 1 to 7 bottom to top respectively.
Bellies are kept above the loafers but not immediately. Flip-flops are kept immediately below mules. There are two racks in between T-straps and boots. The stilettos are not kept immediately next to the boots or T-straps. T-straps are kept above the boots but not on rack no. 7. Mules are not above loafers.

19. Which of the following is kept on rack no. 5?
   (A) T-straps   **(B)** Bellies
   (C) Stilettos   **(D)** Loafers
   (E) Mules

20. Which of the following is kept on the lowest rack?
   (A) Flip-flops   **(B)** Boots
   (C) Stilettos   **(D)** Loafers
   (E) Either (B) or (C)

21. Which of the following are kept above the stilettos?
   (A) Bellies   **(B)** Loafers
   (C) T-straps   **(D)** Both (A) and (B)
   (E) Both (A) and (C)

22. Four of the following five are alike in a certain way. Find the odd one out.
   (A) Bellies, loafers   **(B)** T-straps, flip-flops
   (C) Mules, boots   **(D)** Stilettos, mules
   (E) Stilettos, T-straps

23. Who is sitting immediate right of A?
   (A) D   **(B)** B
   (C) E   **(D)** C
   (E) G

24. In the question, relation between different elements is shown in the statements, which is followed by two conclusions I and II. Read the statements carefully and choose the correct option.
   Statements: S ≤ T < U = V, W = X ≥ Y > U
   Conclusions: I. X > S   **II.** V < W
   (A) If neither conclusion I nor conclusion II follows.
   (B) If only conclusion II follows.
   (C) If either conclusion I or conclusion II follows.
   (D) If both conclusion I and conclusion II follow.

(E) If only conclusion I follows.

Directions [25-27]: Seven boys in a team had different weight. U was second heaviest with a weight of 89 kg. At least three people are lighter than Q who was not the heaviest. T is immediately heavier than S. V who weighs 52 kg, is heavier than T but lighter than P. U is heavier than P. P is heavier than Q but lighter than R.

25. What could be the possible weight of Q?
   (A) 90kg   **(B)** 85kg
   (C) 99kg   **(D)** 40kg
   (E) 35kg

26. How many people weigh less than R?
   (A) 6   **(B)** 5
   (C) 4   **(D)** 3
   (E) 2

27. Who among the following weighs less than Q?
   (A) R   **(B)** P
   (C) T   **(D)** U
   (E) None of these

28. Answer the questions on the basis of the information given below
   Statements: T ≤ W < X; S ≥ T = U ≥ V
   Conclusions: I. S ≥ X   **II.** U < X
   (A) if only conclusion I is true.
   (B) if either conclusion I or II is true.
   (C) if only conclusion II is true.
   (D) if neither conclusion I nor II is true.
   (E) if both conclusions I and II are true.

29. Study the following information carefully and answer the questions given below:
   Statements: I ≤ N > S, Y < R, I = X = R
   Conclusions: 1. N > Y   **2.** R ≤ N
   (A) Only 1 follows
   (B) Only 2 follows
   (C) Both 1 and 2 follow
   (D) Neither 1 nor 2 follow
   (E) Either 1 or 2 follows

30. How many pairs of letters are there in the word "PLEASURE", each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical series?
   (A) 3   **(B)** 2
   (C) 1   **(D)** 4
   (E) 5

Directions [31-34]: Eight people, A, B, C, D, E, F, G, and H, were born on dates among 1, 2, 3, and 4, of months either June or July of the same year. At least one person is older than H. At least two people were born before B. D was born immediately after E and both were born in different months. The number of people born after E is not more than twice the number of people born after B. B and C were born on the same date but in different months.
Only four people were born between C and F. G is older than A and both were born in the same month.

31. Who among the following was not born in July?
   (A) D   **(B)** F
   (C) H   **(D)** B
   (E) G

32. Who among the following is/are not older than A?
I. C   **II.** B   **III.** H
(A) Only II and III   **(B)** Only II
(C) Only I and II   **(D)** Only III
(E) Only I

33. B was born on _____.
(A) June 2   **(B)** July 2
(C) June 3   **(D)** July 4
(E) July 3

34. F was born on the _____ day after A was born.
(A) 31st   **(B)** 28th
(C) 30th   **(D)** 29th
(E) Cannot be determined

35. How many such pairs of letters are there in the word AEROPLANE each of which has as many letters between them in the word as in the English?
(A) 4   **(B)** 5
(C) 2   **(D)** 1
(E) 3

Quantitative Aptitude

Directions [36-40]: The following bar graph shows the number of items sold by two shopkeepers in five different months.
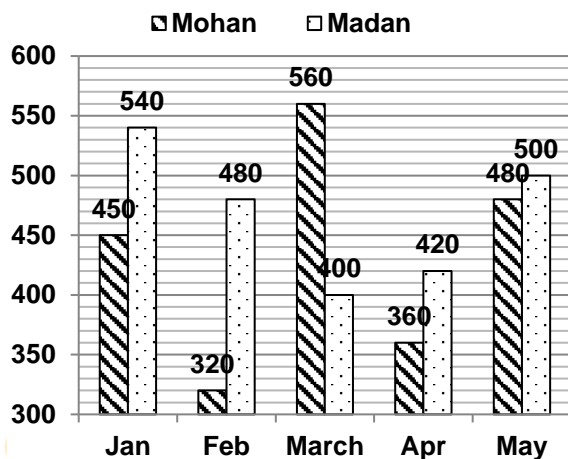
36. Number of items sold by Mohan in April is what percent of the number of items sold by Madan in February?
(A) 60%   **(B)** 50%
(C) 75%   **(D)** 55%
(E) None of these

37. Find the respective ratio of number of items sold by Mohan in January and number of items sold by Madan in March.
(A) 9:8   **(B)** 7:6
(C) 8:7   **(D)** 6:5
(E) None of these

38. Find the difference between number of items sold by Madan in January and number of items sold by Mohan in May.
(A) 40   **(B)** 55
(C) 35   **(D)** 60
(E) None of these

39. Find the total number of items sold by Madan in all the five months.
(A) 2340   **(B)** 2240
(C) 2440   **(D)** 2120
(E) None of these

40. Number of items sold by Mohan in March is what percent more than the number of items sold by him in February?
(A) 50%   **(B)** 75%
(C) 25%   **(D)** 60%
(E) None of these

41. The ratio of the present ages of A and B is 13: 19 The difference between their ages is 12years. Find the age of C after 4 years, if present age of C is equal to the average of present ages of A and B.
(A) 40 years   **(B)** 32 years
(C) 68 years   **(D)** 36 years
(E) None of these

42. What value should come in place of question mark?
125% of $40 - 40$% of $65 = ? \div 7$
(A) 168   **(B)** 110
(C) 125   **(D)** 156
(E) 215

43. What value will come in place of question mark (?) in the following question?
$(0.5)^{118} \div 0.25^{58} = (0.5)^{?}$
(A) -5   **(B)** 25
(C) 10   **(D)** 7
(E) 19

44. What value should come in place of the question mark?
$280 \times ?^2 = 14$% of 720
(A) 6/7   **(B)** 6/5
(C) 4/5   **(D)** 3/5
(E) 6/11

45. What value will come in place of question mark (?) in the following question?
$(0.36)^{102} \div 0.216^{60} = (0.36)^{?}$
(A) 6   **(B)** -6
(C) 0   **(D)** 27
(E) 12

46. What value should come in place of the question mark?
$\sqrt{3025} \div 5 - 125 = ? \times (-6)$
(A) 17   **(B)** 21
(C) 23   **(D)** 19
(E) 13

47. What value will come in place of question mark (?) in the following question?
$\sqrt{784 + 2} + ? = 1\frac{2}{6}$ of 120
(A) 121   **(B)** 113
(C) 132   **(D)** 126
(E) 137

48. What value will come in place of question mark (?) in the following question?
35% of 340 - 30% of 730 = ?
(A) -100   **(B)** 0
(C) -120   **(D)** -60
(E) -130

49. What value will come in place of question mark (?) in the following question?
$256 + ? = 4\frac{1}{6}$ of 126
(A) 493   **(B)** 497
(C) 512   **(D)** 509
(E) 522

50. What value will come in place of question mark (?) in the following question?
$$\frac{180}{3} + 15 \times 12 = ? + \frac{140}{2} - 13$$
(A) 197　　　　　　**(B)** 183
(C) 175　　　　　　**(D)** 187
(E) 177

51. What value will come in place of question mark (?) in the following questions?
17 × 14 - 108 + 86 = ? - 117
(A) 375　　　　　　**(B)** 228
(C) 419　　　　　　**(D)** 432
(E) 333

52. The average of the marks of 10 students in English is 75. If the marks of 2 students are mistakenly read as 42 and 65 instead of 55 and 60 respectively, then the actual average of the marks in English is
(A) 80　　　　　　**(B)** 82.6
(C) 75.8　　　　　　**(D)** 67
(E) 84

53. A 760 m long thin wire is used completely to form a square of side 75 m, a circle of radius 28 m and a rectangle of length 90 m. What is the breadth of a rectangle? (take π = 22/7)
(A) 62 m　　　　　　**(B)** 54 m
(C) 68 m　　　　　　**(D)** 78 m
(E) 52 m

54. Upstream speeds of two boats A and B are in the ratio 3: 5 respectively. Stream is flowing with speed 5 km/hr. If the difference between the downstream speeds of both the boats is 8 km/hr, then what is the speed of boat A in still water?
(A) 20 km/hr　　　　**(B)** 17 km/hr
(C) 14 km/hr　　　　**(D)** 23 km/hr
(E) 11 km/hr

55. Pipes A and B together can fill a tank in 20 minutes while pipes B and C together can fill the tank in 30 minutes. If pipes A and C together can fill the tank in 15 minutes, then find the time taken by pipe C alone to fill the tank.
(A) 45 minutes　　　　**(B)** 50 minutes
(C) 120 minutes　　　**(D)** 40 minutes
(E) 60 minutes

56. Investment of A and B are in the ratio 7: 12 respectively and the profit received by them are in the ratio 3: 4 respectively. What will be the ratio of period of investment of A and B respectively?
(A) 6: 5　　　　　　**(B)** 9: 7
(C) 7: 6　　　　　　**(D)** 3: 2
(E) 7: 3

57. Find the missing term (?) in the following series-
24, 22, 25, 20, 27, ? , 29
(A) 18　　　　　　**(B)** 16
(C) 19　　　　　　**(D)** 20
(E) 23

58. Find the wrong term in the series.
25, 40, 70, 160, 480, 2320
(A) 2320　　　　　　**(B)** 40
(C) 480　　　　　　**(D)** 160
(E) 70

59. Find the next term in the series.
70560, 10080, 1680, 336, 84, ?

(A) 28　　　　　　**(B)** 120
(C) 94　　　　　　**(D)** 110
(E) 116

60. In the given question, two equations I and II are given. Solve both the equations and answer accordingly.
I. $x^2 - 8x + 15 = 0$　　**II.** $y^2 + 17y + 70 = 0$
(A) If x < y　　　　**(B)** If x ≤ y
(C) If x > y　　　　**(D)** If x ≥ y
(E) If x = y or relation cannot be established between x and y

61. In the question two equations numbered I and II are given. You have to solve both the equations and choose the correct option.
I. $x^2 - 19x + 84 = 0$　　**II.** $y^2 - 25y + 156 = 0$
(A) x > y　　　　　　**(B)** x ≥ y
(C) x < y　　　　　　**(D)** x ≤ y
(E) x = y or the relationship cannot be established

62. What approximate value would come in place of the question mark (?) in the following question?
$11.98 - 4.03 \div 1.98 = \sqrt{?}$
(A) 100　　　　　　**(B)** 96
(C) 36　　　　　　**(D)** 64
(E) 131

63. What approximate value would come in place of the question mark (?) in the following question?
$(? \div 9.94) \div (154.11 \div 11.11) = 4.001$
(A) 330　　　　　　**(B)** 114
(C) 560　　　　　　**(D)** 460
(E) 250

64. What is the approximate value that should come in the place of question mark (?) in the given question? (You are not expected to calculate the exact value.)
$728.99 + 167.01 - 839.001 + 371.994 = ?$
(A) 459　　　　　　**(B)** 449
(C) 419　　　　　　**(D)** 429
(E) 439

65. By selling 45 lemons for Rs 40, a man loses 20%. How many should he sell for Rs 24 to gain 20% in the transaction?
(A) 19　　　　　　**(B)** 22
(C) 20　　　　　　**(D)** 18
(E) 25

Direction [66-70]: Study the following information carefully and answer the related questions.

The number of employees in three companies A, B and C together are 2000. The number of employees in company B is 70% of the number of employees in company C. In company C, the number of male employees is 20 less than that of female employees. The number of male to female employees in company A are in the ratio 5: 4 respectively and their difference is 90. There are 144 female employees in company B.

66. The number of male employees in company A is approximately what percent of total employees in company B?
(A) 107%　　　　　　**(B)** 115%
(C) 98%　　　　　　**(D)** 110%
(E) 92%

67. What is the difference between the number of male employees in company B and total employees in company C?
(A) 354   **(B)** 368
(C) 344   **(D)** 324
(E) 338

68. In company C, if 60% male employees and 40% female employees work in the morning shift, then how many employees in company C work in the morning shift?
(A) 322   **(B)** 348
(C) 330   **(D)** 354
(E) 366

69. What is the respective ratio of the number of female employees in companies A and B?
(A) 3: 1   **(B)** 3: 2
(C) 5: 3   **(D)** 5: 2
(E) None of these

70. How many male employees are there in all three companies taken together?
(A) 1006   **(B)** 1186
(C) 1136   **(D)** 1296
(E) 1146

English Language

71. In the following question, a sentence is given with three words marked as (A), (B) and (C). Among the options choose the correct order of words that is required to make the sentence grammatically and contextually correct. If no change is required, mark E; 'No change required' as your answer.
As **versions (A)** artificial intelligence technology advances toward Hollywood's imagined **standing (B)**, the question of moral **real (C)** grows more important.
(A) ACB   **(B)** CAB
(C) BCA   **(D)** CBA
(E) No change required

72. In the following question, a sentence is given with three words marked as (A), (B), and (C). These words may or may not be placed at their correct places. Four options with different arrangements of these words are given. Mark the option with correct arrangement as the answer. If no change is required, mark 'No rearrangement required' as your answer.
This should prompt the victim to **allow (A)** their situation and the risks the **illegally (B)** posted content creates for them, and **explain (C)** swift action from the company.
(A) ACB   **(B)** CBA
(C) CAB   **(D)** BAC
(E) No rearrangement required

73. In the following question, a sentence is given, divided into five parts. The part given in bold is grammatically and contextually correct. Out of the remaining four parts, one part may contain an error. Mark the option containing the part with the error. If none of the parts have errors, mark 'No error' as your answer.
The thunder storm (A) / came suddenly out (B) / of nowhere (C) **/ yesterday in the morning,** (D) / and surprising all of us. (E)
(A) B   **(B)** A
(C) C   **(D)** E
(E) All are correct

74. In the following question, a sentence is given, divided into five parts. The part given in bold is grammatically and contextually correct. Out of the remaining four parts, one part may contain an error. Mark the option containing the part with the error. If none of the parts have errors, mark 'No error' as your answer.
The singer has a (A) / beautiful voice, and (B) / his voice makes (C) /me calm wherever (D) / **I listen to his songs.** (E)
(A) B   **(B)** C
(C) D   **(D)** A
(E) No error

75. In the question below, a sentence is given with four words highlighted in bold. One of these four words may or may not be wrongly spelt. Find out the word, which is wrongly spelt, if any. If all the words are correctly spelt, mark 'All are correct' as your answer.
The new **salary (A)** scale only **refers (B)** to company **manegers (C)** and **directors (D)**.
(A) C   **(B)** D
(C) A   **(D)** B
(E) All are correct

76. In the question given below, a sentence is given with four words highlighted in bold. One of these four words may either be wrongly spelt or inappropriate in the context of the sentence. Find out the word, which is wrongly spelt or inappropriate, if any. If all the words are correctly spelt and appropriate in the context of the sentence, mark 'All are correct' as your answer.
If a criminal **discloses (A)** that he is thinking about **assasination (B)**, it is **important (C)** to ask him to share more about his ideas and if he knows he might **murder (D)** someone.
(A) D   **(B)** C
(C) B   **(D)** All are correct
(E) A

77. In the following question, a sentence is given with certain words, marked as (A), (B) and (C). Choose the options with the sequence of words to make the sentence grammatically and contextually correct. If no change is required, mark 'No correction required' as your answer.
Boundaries **blurred (A)** home and work have **working (B)** over the last year, and the feeling of **around (C)** 24/7 is neither good for your family nor your productivity.
(A) BAC   **(B)** CAB
(C) BCA   **(D)** CBA
(E) No Correction required

78. In the following question, a sentence is given with three words marked as (A), (B) and (C). Among the options choose the correct order of words that is required to make the sentence grammatically and contextually correct. If no change is required, mark 'No correction required' as the answer.
Following the Supreme Court's **scheme (A)**, the government came up with a **direction (B)** in a bid to provide **relief (C)** to small borrowers.
(A) BAC   **(B)** CAB
(C) ACB   **(D)** CBA
(E) No correction required

79. In the following question, a sentence is given with three words marked as (A), (B) and (C). Among the options choose the correct order of words that is required to make the sentence grammatically and

contextually correct. If no change is required, mark 'No correction required' as the answer.

The study successfully **combined (A)** methods to turn a/an **robust (B)** set of observations into a/an **incidental (C)** understanding.

(A) BCA   (B) BAC
(C) ACB   (D) CAB
(E) No correction required

80. In the question given below, a sentence is given with two blanks, followed by 6 choices, each having a word/ phrase which may or may not fit in either of the two blanks. From the given options, choose the one that gives the correct combination of choices that fit in the blanks in the respective order.

The centre has claimed that a large number _____ up to vote for the local body polls because there was _____ with the people.

1. Claimed   2. Turned
3. Coughed   4. Interact
5. Connect   6. Truth
(A) 1 and 3   (B) 2 and 4
(C) 3 and 6   (D) 2 and 5
(E) 1 and 2

81. In the question given below, a sentence is given with two blanks, followed by 6 choices, each having a word/ phrase which may or may not fit in either of the two blanks. From the given options, choose the one that gives the correct combination of choices that fit in the blanks in the respective order.

Australia's _____ city was picking up the pieces today after a series of lightning and hail-storms _____ cars with ice blocks the size of tennis balls.

1. Smallest   2. Largest
3. Frequen   4. Struck
5. Pummelled   6. Wade
(A) Only 1 and 2   (B) Only 2 and 4
(C) Only 3 and 6   (D) 1 and 4 & 2 and 5
(E) 1 and 5 & 3 and 6

82. In the question given below, a sentence is given, divided into parts. One of the parts may contain an error. Identify the part that contains the error, and mark it as the answer. Ignore errors of punctuation. In case the sentence is correct as it is, mark option (e), that is, 'No error'. Note – The words in bold are grammatically and contextually correct.

Even though the company claims the energy drink is harmlessly, you may experience some unwanted side effects after drinking **the beverage**.

(A) the company claims the energy drink
(B) is harmlessly, you may
(C) experience some unwanted
(C) side effects after drinking
(D) No error

83. In the question given below, a sentence is given, divided into parts. One of the parts may contain an error. Identify the part that contains the error, and mark it as the answer. Ignore errors of punctuation. In case the sentence is correct as it is, mark option (e), that is, 'No error'. Note – The words in bold are grammatically and contextually correct.

Although politics bring about famines, natural disasters are certainly part of the background, **reducing** food production and challenging the resolve of individuals, households and wider social groups.

(A) bring about famines, natural disasters
(B) are certainly part of the background,
(C) food production and challenging the resolve

(D) of individuals, households and wider social groups.
(E) No error

84. In the question below, a sentence is given with four words highlighted in bold. One of these four words may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word, which is wrongly spelt or inappropriate, if any. If all the words are correctly spelt and appropriate in the context of the sentence, mark (E) as your answer.

Technological **innovation (A)** has the potential to drive economic growth and increase **productievity (B)**, but it also **poses (C)** risks and challenges that must be **addressed (D)**.

(A) Both A and C   (B) Only B
(C) Only C   (D) Both B and D
(E) All are correct

85. In the following question, a sentence is given with a phrase highlighted in bold. Select the option given below that can replace the phrase in bold to make the sentence grammatically and contextually correct and mark that as your answer. If the sentence is correct as it is, mark 'No correction required', as the answer.

The multitude was surprised by the **arrogance attitude** of the host.

(A) arrogantly attitude
(B) arrogant attitude
(C) No correction required
(D) arrogance attitudes
(E) arrogantly attitudes

86. In the following question, a sentence is given, divided into four parts, which may or may not contain an error. Mark the option containing the part with the error. If the sentence is error free, mark 'No error' as the answer.

The people outside (A)/ the cinema hall were (B)/ giving the tickets away (C)/ free from charge (D)/ No Error.

(A) A   (B) B
(C) C   (D) D
(E) E

Directions [87-92]: In the following passage, some of the words have been left out and replaced by blanks represented with letters. First, read the passage and try to understand what it is about. Then fill in the blanks as per the questions given.

The term IQ, or Intelligence Quotient, generally __(A)__ a score on a test that rates the subject's cognitive ability as compared to the general population. IQ tests use a standardized scale with 100 as the median score. On most tests, a score __(B)__ 90 and 110, or the median plus or minus 10, indicates average intelligence. A score above 130 indicates __(C)__ intelligence and a score below 70 may indicate mental retardation. Like their predecessors, modern tests do take into __(D)__ the age of a child when determining an IQ score. Children are graded relative to the population at their developmental level. What is this cognitive ability being measured? Simply put, IQ tests are __(E)__ to measure your general ability to solve problems and understand concepts. This includes reasoning ability, problem-solving ability, ability to perceive relationships between things and ability to store and __(F)__ information. IQ tests measure this general intellectual ability in a number of different ways.

87. Select the most appropriate option to fill in the blank A.
(A) known   (B) considered
(C) describes   (D) point
(E) denote

88. Select the most appropriate option to fill in the blank B.
(A) to   (B) off
(C) of   (D) from
(E) between

89. Select the most appropriate option to fill in the blank C.
(A) mediocre   (B) subpar
(C) standard   (D) atypical
(E) normal

90. Select the most appropriate option to fill in the blank D.
(A) offer   (B) case
(C) consider   (D) account
(E) fact

91. Select the most appropriate option to fill in the blank E.
(A) designing   (B) intended
(C) completed   (D) sketched
(E) curating

92. Select the most appropriate option to fill in the blank F.
(A) processing   (B) writing
(C) reclaim   (D) hoard
(E) retrieve

Directions [93-100]: Read the following passage carefully and answer the questions that follow.

Migrant and refugee are just two of the many terms we use to describe people who are seeking new homes in other countries. These two terms in particular have become hot topics in the media and political discourse owing to large numbers of people fleeing countries in Africa and the Middle East for better and safer prospects in Europe. But is there a difference between migrants and refugees? And does it matter? Simply speaking, a migrant is someone who chooses to move, and a refugee is someone who has been forced from their home. Refugees, according to the Office of the United Nations High Commissioner for Refugees (UNHCR), are people who are "fleeing armed **persecution**" and "for whom denial of asylum has potentially deadly consequences." Refugees leave their home countries because it is dangerous for them to stay. Turning refugees away could mean sentencing them to death. They often arrive without their personal belongings, sometimes without preplanning. Migrants, on the other hand, may move for any number of reasons. Some of them move to be with family or for economic reasons. Others move for education. Many of them return to their home countries after a few years. They are often able to plan their own travel and bring or sell their belongings. Does this mean that all migrants are moving from good situations to better ones? Unfortunately, no. Many people migrate because their homes have become dangerous or difficult to live in. They might be fleeing from unrest, famine, drought, or economic collapse. But unless they are in danger of persecution, they are not considered refugees.

The distinction is an important one, because an international convention in 1951 outlined certain rights for people deemed refugees, whereas migrants have no such rights. Refugees are protected from being deported or returned to situations that might threaten their lives. They are to be given excess to social services and to be integrated into their new country's society. Migrants are subjected to a country's immigration laws and procedures and can be turned away or deported back to their homeland.

93. Which of the following words is a synonym of the word- PERSECUTION?
(A) Affable   (B) Banality
(C) Cynosure   (D) Oppression
(E) Promiscuous

94. What is main difference between a refuge and a migrant as per the passage?
(A) The main difference is whether the person is moving willingly or under pressure.
(B) The number of people who have moved.
(C) The responsibility which forces people to move.
(D) Their inclination towards moving.
(E) The major difference is in the demand.

95. Which of the following is/are FALSE as per the passage?
A. Large number of migrants are from Africa and Australia.
B. People have to move to save themselves from unrest, economic collapse or famine.
C. No proper organisation has been set up for illegal migrants.
(A) Only C   (B) Only B
(C) Only A   (D) Both A and C
(E) A, B and C

96. Which of the following is the correct full form of UNHCR?
(A) United Nations High Commissioner for Refugees
(B) United National High Care from Refugees
(C) United Nations Human Commissioner for Refugees
(D) United Nations Human Care for Refugees
(E) Union of National High Commissioner for Refugees

97. Which of the following is NOT mentioned as a reason for refugees/migrants moving without preplanning?
(A) All instances stated here, find a mention in the passage.
(B) When there is danger of persecution.
(C) In cases of economic collapse.
(D) In cases of famine and drought.
(E) When people feel, they will prosper more in another country.

98. The phrase by UNHRC - 'for whom denial of asylum has potentially deadly consequences' means.
(A) people are denying to get any asylum
(B) people does not have a proper income
(C) people are unable to earn their bread and butter
(D) a situation having detrimental consequences
(E) a situation is provided in which people are kept in asylum

99. Which of the following words is an antonym of the word- SURPLUS?
(A) Surfeit   **(B)** Dearth
(C) Ill fitted   **(D)** Disbalance
(E) Ghastly

100. In the question below, a sentence is given with four words highlighted in bold. One of these four words may either be wrongly spelt or inappropriate in the context of the sentence. Find out the word, which is wrongly spelt or inappropriate, if any. If all the words are correctly spelt and appropriate in the context of the sentence, mark (E) as your answer.
They are to be given **excess (A)** to social **services (B)** and to be **integrated (C)** into their new country's **society (D)**.
(A) C   **(B)** B
(C) A   **(D)** D
(E) All are correct

Reasoning Aptitude

1.   Answer: (E)
The given statements are,
Some shades are colours. Some filters are colours.
The basic minimum overlapping diagram and another possible diagram are,
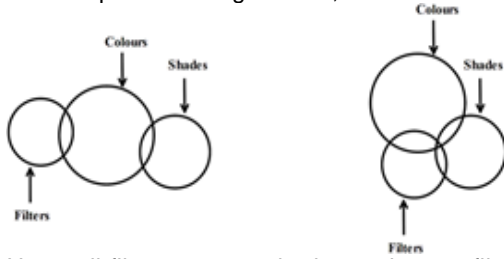
Here, all filters are not shades and some filters can be shades.
Hence, both conclusions do not follow.

2.   Answer: (B)
Only a few pictures are motifs. Only a few graphics are motifs.
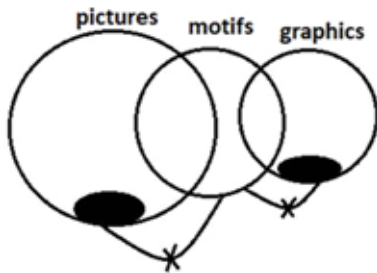
Some graphics are definitely not motifs is true. Some pictures are graphs is a possibility but not a definite truth. All pictures can never be motifs is true. Only I and III follows.

3.   Answer: (E)
Only a few queries are solutions. Only a few solutions are candies.
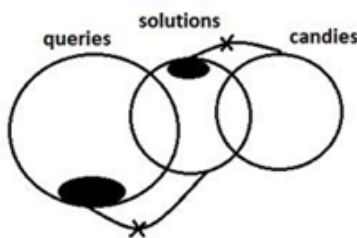
At least some queries are candies is not definitely true. Some solutions are definitely not candies is true. So, only II follows.
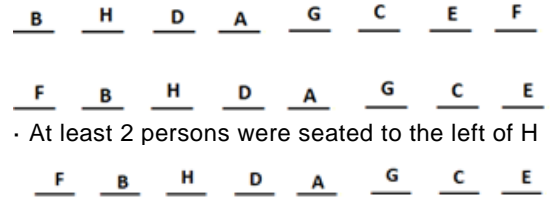
4.   Answer: (D)
B was seated 3rd to the left of A
· 3 persons were seated between A and F

| F | B | __ | __ | A |

| B | __ | __ | A | __ | __ | __ | F |
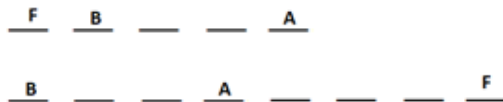
· E was seated 4th to the right of D
· C was seated neighbouring G
· 2 persons were seated between C and D
· B was not neighbouring D

| B | __ | D | A | G | C | E | F |

| F | B | __ | D | A | G | C | E |

| D | F | B | C | E | A |

| D | __ | F | B | E | __ | A |
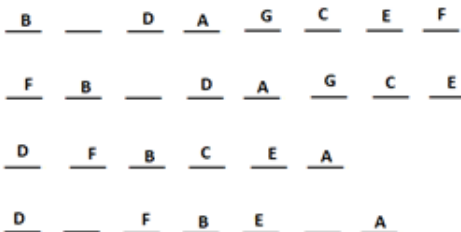
3rd arrangement is invalid as G cannot be placed and 4th is invalid as C cannot be placed

| B | H | D | A | G | C | E | F |

| F | B | H | D | A | G | C | E |

· At least 2 persons were seated to the left of H

| F | B | H | D | A | G | C | E |

5.   Answer: (A)
2 persons were seated to the left of H

6.   Answer: (A)
D was to the immediate left of A

7.   Answer: (B)
Only 1 person was seated between A and C

8.   Answer: (D)
D was seated neighbouring H and A

9.   Answer: (D)
The numbers which are preceded by an even number and are succeeded by a number more than '5' are 8, 9, 9, 5 and 5.
4 6 3 **2 8 9** 7 0 6 5 **4 9 8** 7 3 9 7 **6 5 7** 2 1 0 9 5 8 **4 5 7**

10.   Answer: (C)
Here, 5, 2 and 1 are followed by two perfect squares.

11.   Answer: (A)
Here, '8' is sixth to the left of '5' which is nineteenth from the left end of the string.

12.   Answer: (E)
Mr Roy plots certain number of points on the paper. Point N is 5cm to the west of point P. Point L is 5cm to the north of point P.
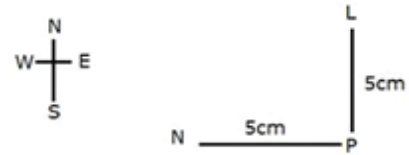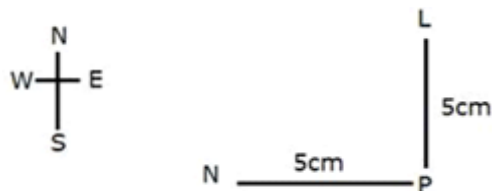

Point P is the midpoint of line KL and line NO.
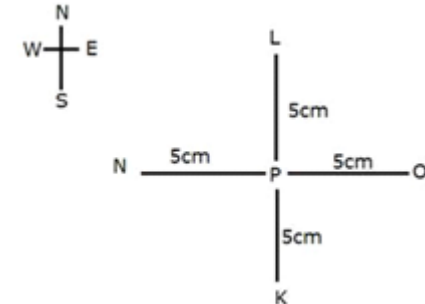
Point N is 10cm to the south of point Q, which is 11cm to the east of point J.
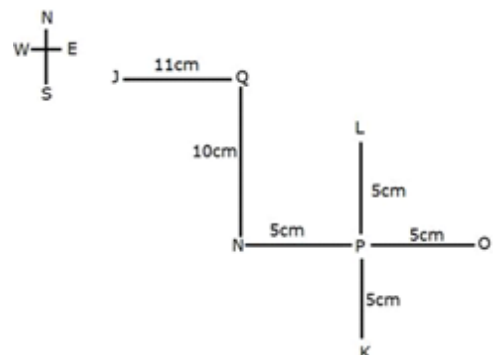
Point J is towards the northwest of point O. Point Q is towards the northwest of point K. Similarly, point J is towards the northwest of point N.

13.   Answer: (B)
Mr Roy plots certain number of points on the paper. Point N is 5cm to the west of point P. Point L is 5cm to the north of point P.

Point P is the midpoint of line KL and line NO.

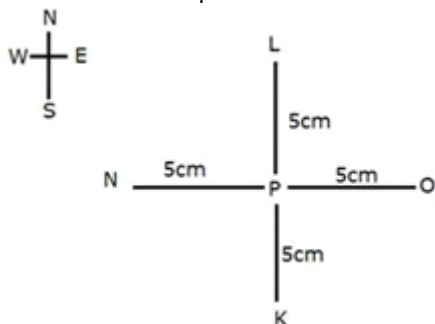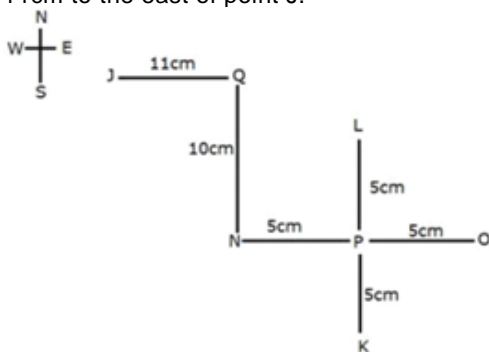Point N is 10cm to the south of point Q, which is 11cm to the east of point J.

Point K is towards the southeast of point N.

14. **Answer: (B)**
T is junior to the Manager. R is immediately senior to T.
Case 1:

DESIGNATION	PERSON
CHAIRMAN	
CEO	
MD	
BM	
MANAGER	R
PO	T
CLERK	

Case 2:

DESIGNATION	PERSON
CHAIRMAN	
CEO	
MD	
BM	
MANAGER	
PO	R
CLERK	T

U who is the CEO is senior to W. W is neither posted as MD nor as BM.
Case 1:

DESIGNATION	PERSON
CHAIRMAN	
CEO	U
MD	
BM	
MANAGER	R
PO	T
CLERK	W

Case 2:

DESIGNATION	PERSON
CHAIRMAN	
CEO	U

MD	
BM	
MANAGER	W
PO	R
CLERK	T

S is immediately senior to W. P is junior to Q.
So case 1 is invalid.
Case 2:

DESIGNATION	PERSON
CHAIRMAN	Q
CEO	U
MD	P
BM	S
MANAGER	W
PO	R
CLERK	T

2 people are seniors to P.

15. **Answer: (B)**
The designation of S is BM (Branch Manager)
16. **Answer: (D)**
Statement (d) is true.
17. **Answer: (B)**
2 people are junior to W.
18. **Answer: (C)**
The number of people senior to S is the same as the number of people junior to BM.
19. **Answer: (D)**
There are two racks in between T-straps and boots. Boots are kept below the T-straps.

	Case 1	Case 2	Case 3
7			
6	T-straps		
5		T-straps	
4			T-straps
3	Boots		
2		Boots	
1			Boots

Flip-flops are kept immediately below mules. Mules are not above loafers. Bellies are kept above the loafers but not immediately.

	Case 1	Case 2	Case 3
7	Bellies	Bellies	Bellies
6	T-straps	Loafers	
5	Loafers/	T-straps	Loafers
4	/ Loafers	Mules	T-straps
3	Boots	Flip-flops	Mules
2	Mules	Boots	Flip-flops
1	Flip-flops		Boots

So, case 2 is not valid.
The stilettos are not kept immediately next to the boots or T-straps. So, case 1 is invalid. The final stacking is:

7	Bellies
6	Stilettos
5	Loafers
4	T-straps
3	Mules
2	Flip-flops
1	Boots

Loafers are kept on rack no. 5.
20. **Answer: (B)**
Boots are kept on the lowest rack.
21. **Answer: (A)**
Bellies are kept above the stilettos.
22. **Answer: (D)**
The first type is above the second type with one rack in between. So, Stilettos, mules is the odd pair out.
23. **Answer: (D)**
C is sitting immediate right of A. Hence, 'd' is the correct option.

24.   **Answer: (D)**
By combining the given statements, we get
S ≤ T < U = V < Y ≤ X = W
From the above statement,
Conclusion I, X > S, follows.
Conclusion II, V < W, follows. Hence, option d.

25.   **Answer: (B)**
U was second heaviest with a weight of 89 kg. At least three people are lighter than Q who was not the heaviest.
Case 1:

Case 2:

T is immediately heavier than S. V who weighs 52 kg, is heavier than T but lighter than P. U is heavier than P.

Case 1:

Case 2:

P is heavier than Q but lighter than R. So case 2 is invalid.

Case 1:

Hence this is the final arrangement.
the possible weight of Q can be 85kg.

26.   **Answer: (A)**
6 people weigh less than R.

27.   **Answer: (C)**
T weighs less than Q.

28.   **Answer: (C)**
S ≥ T = U ≥ V; X > W ≥ T = U ≥ V
In conclusion I, relation between S and X cannot be established
In conclusion II, X > U, true
Only conclusion II is true.
Hence, option c.

29.   **Answer: (C)**
From the given statements we have: Y < R = X = I ≤ N > S
Y < R = X = I ≤ N
From this we have, N > Y to be True.
R = X = I ≤ N
From this we have, R ≤ N to be True.

30.   **Answer: (B)**

P	L	E	A	S	U	R	E

Two such pairs are there:
P-U
A-E

31.   **Answer: (E)**
It is given that,
The eight people are A, B, C, D, E, F, G, and H.
The dates are 1, 2, 3, and 4.
The months are June and July.
D was born immediately after E and both were born in different months.
The number of people born after E is not more than twice the number of people born after B.
Hence, the number of people born after E is equal or less than twice the number of people born after B.
At least two people were born before B.

We know, four people were born after E. Hence, B was born on either June 3rd or on July 2nd.
We get,

CASE 1	1	2	3	4
June (30)			B	E
July (31)	D			

CASE 2	1	2	3	4
June (30)				E
July (31)	D	B		

B and C were born on the same date but in different months.
Only four people were born between C and F.
We get,

CASE 1	1	2	3	4
June (30)		F	B	E
July (31)	D		C	

CASE 2	1	2	3	4
June (30)		C		E
July (31)	D	B	F	

G is older than A and both were born in the same month.
At least one person is older than H.
Here, case 1 is invalid.
The final arrangement is,

	1	2	3	4
June (30)	G	C	A	E
July (31)	D	B	F	H

Here, **G** was not born in July.

32.   **Answer: (A)**
Here, **B and H** are not older than A.

33.   **Answer: (B)**
Here, B was born on **July 2.**

34.   **Answer: (C)**
Here, F was born on July 3 and A was born on June 3. Hence, F was born on the **30th** day after A was born.

35.   **Answer: (E)**
There are 3 such pairs.
A E **R** O **P** L A N E
A E R **O** **P** L A N E
A E R O P **L** A **N** E

Quantitative Aptitude

36.   **Answer: (C)**
Number of items sold by Mohan in April = 360
Number of items sold by Madan in February = 480
Required percentage = 360/480 × 100
= 75%

37.   **Answer: (A)**
Number of items sold by Mohan in January = 450
Number of items sold by Madan in March = 400
Required ratio = 450:400 = 9:8

38.   **Answer: (D)**
Number of items sold by Madan in January = 540
Number of items sold by Mohan in May = 480
Required difference = 540 - 480 = 60

39.   **Answer: (A)**
Number of items sold by Madan in January = 540
Number of items sold by Madan in February = 480
Number of items sold by Madan in March = 400
Number of items sold by Madan in April = 420
Number of items sold by Madan in May = 500
Required sum = 540 + 480 + 400 + 420 + 500
= 2340

40.   **Answer: (B)**
Number of items sold by Mohan in March = 560
Number of items sold by Mohan in February = 320
Required percentage = (560 - 320)/320 × 100
= 240/320 × 100

= 75%

41. **Answer: (D)**
Let present age of A = 13y years
And present age of B =19y years
Given,
19y - 13y = 12
y = 2
So, present age of A = 26 years
And present age of B = 38 years
Average age of A and B = 64/2 = 32 years
So, age of C after 4 years = 32 + 4 = 36 years.

42. **Answer: (A)**
125% of 40 − 40% of 65 =? ÷ 7
$125/100 \times 40 − 40/100 \times 65 =? \times 1/7$
24 * 7 =?
? = 168

43. **Answer: (D)**
$(0.5^1)^{118} \div (0.5^2)^{56} = (0.5^1)^?$
$(0.5)^{(1 \times 119 − 2 \times 56)} = (0.5^1)^?$
So, ? = $(1 \times 119 − 2 \times 56)/1 = 7$

44. **Answer**: (D)
280 × $?^2$ = 14% of 720
=> 280 × $?^2$ = 14/100 × 720
=> 280 × $?^2$ = 504/5
=> $?^2$ = 504/5 × 1/280
=> ? = √(9/25)
=> ? = 3/5

45. **Answer**:(E)
$(0.6^2)^{102} \div (0.6^3)^{60} = (0.6^2)^?$
$(0.6)^{(2 \times 102 - 3 \times 60)} = (0.6^2)^?$
So, ? = (2×102 - 3×60)/2 = 12

46. **Answer: (D)**
$\sqrt{3025} \div 5 − 125 =? \times (−6)$
$55 \div 5 − 125 = ? \times (−6)$
$11 − 125 = ? \times (−6)$
Hence ? = 19

47. **Answer: (C)**
$? = 120 \times (8/6) − \sqrt{784}$
= 20 × 8 − 28
= 160 − 28 = 132

48. **Answer**: (A)
? = (35 × 340/100) - (30 × 730/100)
= (11900/100) - (21900/100)
= 119 - 219 = -100

49. **Answer**: (D)
$? = 126 \times (25/6) − 256$
= 21 × 25 − 16
= 525 − 16 = 509

50. **Answer: (B)**
? = (180/3) + 15 × 12 - (140/2) + 13
= 60 + 180 - 70 + 13
= 183

51. **Answer: (E)**
? - 117 = 238 - 108 + 86
? = 238 - 108 + 86 + 117 = 333

52. **Answer: (C)**
Average of marks of 10 students in English = 75
Sum of the marks in English = 75 × 10 = 750
Mark of 2 students initially = 42 + 65 = 107
Marks of 2 students after correction = 55 + 60 = 115
Sum of marks of all students after correction = 750 + (115 - 107) = 750 + 8 = 758
Actual average = 758/10 = 75.8

53. **Answer: (E)**
Length of wire = perimeter of square + circumference of circle + perimeter of rectangle
760 = 4 × 75 + 2 × 22/7 × 28 + 2 × (90 + breadth)
284 = 2 × (90 + breadth)
Breadth = 52 m

54. **Answer: (B)**

Speed of stream = 5 km/hr
Let 3a km/hr and 5a km/hr be the upstream speeds of boat A and B respectively. Then,
Downstream speed of boat A = 3a + 2 × 5
= 3a + 10
Downstream speed of boat B = 5a + 2 × 5
= 5a + 10
Now, (5a + 10) - (3a + 10) = 8
2a = 8
a = 4
Therefore, speed of boat A in still water = 3a + 5
= 3 × 4 + 5 = **17 km/hr**

55. **Answer: (D)**
Here, (1/A) + (1/B) = 1/20..(i)
(1/B) + (1/C) = 1/30..(ii)
And, (1/A) + (1/C) = 1/15..(iii)
From (i) and (ii), we get
(1/A) - (1/C) = 1/20 - 1/30
(1/A) = (1/C) + 1/60
Now, from (iii), we have
(1/C) + 1/60 + (1/C) = 1/15
C = 40 minutes

56. **Answer: (B)**
Let 7a and 12a are investment of A and B respectively.
Profit ratio, A: B = 3: 4
And, profit ratio, A: B = 7a × A's period of investment: 12a × B's period of investment
3: 4 = 7a × A's period of investment: 12a × B's period of investment
A's period of investment: B's period of investment = 9: 7

57. **Answer: (B)**
Logic for the given series-
24 - 2 = 22
22 + 3 = 25
25 - 5 = 20
20 + 7 = 27
27 - 11 = **16**
16 + 13 = 29
Hence, missing term = 16

58. **Answer: (C)**
Logic in the series is:

Hence, wrong term = 480

59. **Answer: (A)**
The pattern is as follows:
70560 ÷ 7 = 10080
10080 ÷ 6 = 1680
1680 ÷ 5 = 336
336 ÷ 4 = 84
84 ÷ 3 = 28

60. **Answer**: (C)
From I,
$x^2 − 8x + 15 = 0$
$x^2 − 3x − 5x + 15 = 0$
$x(x − 3) − 5(x − 3) = 0$
$(x − 3)(x − 5) = 0$
x = 3 or 5
From II,
$y^2 + 17y + 70 = 0$
$y^2 + 10y + 7y + 70 = 0$
$y(y + 10) + 7(y + 10) = 0$
$(y + 7)(y + 10) = 0$
y = −7 or − 10
So, x > y. Hence, option c.

61. **Answer**: (D)

From I, (x-7)(x-12) = 0
x = 7,12
From II, (y-12)(y-13) = 0
y = 12, 13
Therefore, x ≤ y
Hence, option d.

62.   **Answer**: **(A)**
? 12 − 4 ÷ 2
? = 12 − 2 = 10
? = 100
Hence, option a.

63.   **Answer**: **(C)**
(? ÷ 10) ÷ (154 ÷ 11) = 4
(? ÷ 10) ÷ 14 = 4
? = 4 × 14 × 10 = 560
Hence, option c.

64.   **Answer**: **(D)**
728.99 + 167.01 − 839.001 + 371.994 = 729 + 167 −
839 + 372 = 429. Hence, option d.

65.   **Answer: (D)**
Selling price = Rs 40,
Loss = 20%
Therefore, cost price = 40 × 100/(100-20) = Rs. 50
Therefore, cost price of each lemon = Rs 50/45
Now, selling price = Rs 24
Profit = 20%
Cost price = 24 × 100/120 = Rs. 20
Number of lemons for Rs 20 = 20/(50/45) = 900/50
= 18

66.   **Answer: (E)**
Number of male and female employees in company
A are in the ratio 5: 4 respectively and their
difference is 90. Then,
Number of male employees in company A = 90 ×
5/(5 - 4) = 450
Number of female employees in company A = 450 -
90 = 360
Total employees in company A = 450 + 360 = 810
Number of employees in three companies A, B and
C together is 2000. Number of employees in
company B is 70% of number of employees in
company C. Then,
Total employees in company B and C = 2000 - 810
= 1190
Total employees in company B = 70% of total
employees in company C
Then, (total employees in company B): (total
employees in company C) = 7: 10
Total employees in company B = 1190 × 7/17 =
490
Total employees in company C = 1190 - 490 = 700
In company C, number of male employees is 20
less than that of female employees. Then,
Number of male employees in company C = (700 -
20)/2 = 340
Number of female employees in company C = 340
+ 20 = 360
There are 144 female employees in company B.
Then,
Number of male employees in company B = 490 -
144 = 346
In tabular form:

Company	Total employees	Male	Female
A	810	450	360
B	490	346	144
C	700	340	360

Male employees in company A = 450
And, total employees in company B = 490
Therefore, percentage = (450/490) × 100 = **92%**
(approx.)

67.   **Answer: (A)**
Number of male employees in company B = 346
Total employees in company C = 700

Therefore, difference = 700 - 346 = **354**

68.   **Answer: (B)**
In company C:
Number of male employees working in morning
shift = 60% of 340 = 204
Number of female employees working in morning
shift = 40% of 360 = 144
Therefore, total employees working in morning shift
= 204 + 144 = **348**

69.   **Answer: (D)**
Here, number of female employees in company A
= 360
And, number of female employees in company B
= 144
Therefore, ratio = 360: 144 = **5: 2**

70.   **Answer: (C)**
Total female employees = 450 + 346 + 340 = **1136**

English Language

71.   **Answer: (B)**
The construct 'moral real grows' at C is
grammatically incorrect i.e. 'real' is incorrect at C
and needs to be replaced with a noun [which can
be qualified by the adjective 'moral']. Also, 'real'
doesn't fit at B [the usage 'imagined real' doesn't
make sense]; that means 'real' fits only at A. Now
'versions' (a particular form of something differing
in certain respects from an earlier form or other
forms of the same type of thing) is a noun that suits
better at B (as against 'imagined standing') and
'standing' (footing; position; foundation) fits better
at C (as against 'moral versions') conveying a
meaning - 'as real artificial intelligence moves
towards the forms portrayed by Hollywood films,
importance of moral foundation increases'.
Correct sentence after rearrangement - 'As real
artificial intelligence technology advances toward
Hollywood's imagined versions, the question of
moral standing grows more important.'
Answer is option (b).

72.   **Answer: (B)**
B is correct at its place (the adverb 'illegally'
qualifies the verb 'posted'). But A needs to be
interchanged with C. It is inappropriate to say, 'to
allow their situation'. In this case, 'to explain their
situation' is apt. Similarly, 'allow swift actions' is
also meaningful. Hence, option (b) is the correct
answer.
The correct sentence - This should allow the
victim to **explain** their situation and the risks
the **illegally** posted content creates for them,
and **prompt** swift action from the company.

73.   **Answer: (D)**
The error is in part E. The present participle
'surprising' is used for describing an event that
was/is still continuing, but the event in the sentence
'thunder storm' has already occurred in the past
[evidenced by emboldened 'yesterday']. And so,
'surprising' should be changed to **'surprised'**.
Hence, the correct answer is option d).

74.   **Answer: (C)**
The error is in part 'D'. The person in the sentence
wishes to talk about a point of time when they
would feel calm listening to a song, therefore
'wherever' [used to talk about a place], must be
replaced by **'whenever'** [used to talk about a point
of time].
Hence, the correct answer is option c).

75.   **Answer: (A)**
The word (C) is wrongly spelt.

The correct spelling is 'managers', which means 'a person responsible for controlling or administering an organization or group of staff'.
The correct sentence is: The new salary scale only refers to company **managers** and directors.
Hence, option (a) is the answer.

76.   **Answer: (C)**
'Assasination' is not a correct word in the English language and the correct spelling of the word is 'assassination' which means 'an act of killing'.
Hence, the correct answer is option (c).

77.   **Answer: (B)**
'Have' is a helping verb which is followed by the past participle, so 'blurred' is the only correct verb that can replace 'working' at (B). 'Around' is the preposition which means to surround it or be on all sides of it so it should be used before home to describe the boundaries that surrounds the home; therefore, it will replace the word 'blurred' at (A). And the 'feeling of working' represent the feeling being occupied all the time so it is also correct contextually.
Therefore, the right order is CAB.
Hence, option (b) is correct.

78.   **Answer: (A)**
All the three words are nouns and hence grammatically correct. Meaning of the words is given below -
Scheme - an official plan or system for doing or organizing something
Direction - a purpose; an aim
Relief - the removal or reduction of pain, worry, etc.
The sentence is trying to say that the government came up with a plan following Supreme Court's purpose of removing pain of small borrowers.
Thus, the correct order of words is 'direction' then 'scheme' and then 'relief'.
Hence, (a) is correct.

79.   **Answer: (C)**
For the first space only word A i.e. 'combined' can be used as the position is to be filled by a verb (to denote the action performed by the subject 'the study' in the given case) and only A is a verb among the three. The other two words highlighted here are adjectives. Hence, both are grammatically correct. There are two nouns/noun phrases i.e. 'set' and 'understanding'.
Word B i.e. 'robust' means 'strong and healthy'.
Word C i.e. 'incidental' means 'happening as part of something more important'.
Since the study is successful the understanding has to be strong and not a part of something more important. Hence 'robust' will be used before 'understanding'.
Hence, (c) is correct.

80.   **Answer: (D)**
The statement talks about polling in local elections.
The first blank is a verb that takes the preposition 'up' after it. Only options 2 and 3 fulfil this requirement. 'Coughed up' is a slang which means to pay or hand over something. Therefore, this is not appropriate in this context (as people are not paying up to cast their vote). Thus, only 2 is correct.
The second blank is a verb (in base form) and takes the preposition 'with' after it. Only options 4 and 5 fulfil these requirements. But 'there was interact with the people' is not grammatically correct (the noun 'interaction' should be used in place of 'interact'). Therefore, 5 is the correct option.
Thus, (d) is the correct answer.

81.   **Answer: (D)**
The statement talks about a hailstorm in one of Australia's cities.
The first blank is an adjective that describes the noun 'city'. Only options 1 and 2 fulfil this requirement.
He second blank is a verb (in past tense) that describes the action of hailstorm over cars. Only 4 and 5 fulfil this requirement. Therefore, any of 1 and 2 can fit in the first blank and either 4 or 5 can fit in the second blank.
Thus, (d) is the correct answer.

82.   **Answer: (B)**
In B, replace the adverb HARMLESSLY with the adjective HARMLESS as it is being used to modify the noun ENERGY DRINK. Thus, (b) is the right answer.

83.   **Answer: (A)**
In A, replace the plural verb BRING with the singular verb BRINGS as the subject POLITICS is uncountable and will assume a singular form. Thus, (a) is the right answer.

84.   **Answer: (B)**
'Productievity' is not a correct word in English. The correct spelling is 'productivity' (the ability to do as much work as possible in a particular period).
Hence, option (b) is the correct answer.

85.   **Answer: (B)**
In the phrase given in bold, the noun 'arrogance' is used as a qualifier to qualify the noun 'attitude' instead of an adjective, so the phrase is incorrect. In option (a), the adverb 'arrogantly' is used, and in options (d) and (e), the same errors have been repeated and thus they are negated. Option (b), 'arrogant attitude' is the only option in which the adjective 'arrogant' is used as a qualifier to qualify the noun 'attitude' and thus can replace the incorrect phrase.
Hence, the correct answer is option (b).

86.   **Answer: (D)**
Part D has an error. The phrase 'free of charge' means without any payment being required. The use of the word 'from' is incorrect and should be replaced by 'of'. Hence, (d) is the correct answer.
The correct sentence would be - The people outside the cinema hall were giving the tickets away free **of** charge.

87.   **Answer: (C)**
The sentence with the blank gives the definition of IQ. The verbs 'known' and 'considered' don't fit in the sentence properly. 'Known' is generally followed by the preposition 'as', which is not the case here. The verb should be singular as the subject 'term' is singular in nature. Options (d) and (e) are eliminated as they are plural verbs. The verb 'describes' is a singular noun, and it fits correctly in the sentence.
Hence, option (c) is the correct answer.

88.   **Answer: (E)**
The use of 'and' that follows the blank indicates that the blank should be replaced with 'between'. If something is between two amounts, it is greater than the first amount but smaller than the second. So, the sentence with the blank discusses a score greater than 90 and smaller than 110.
Hence, option (e) is the correct answer.
To - in the direction of; as far as
Off - down or away from a place or a position on something
Of - belonging to, connected with, or part of something/somebody
From - showing the place, direction or time that somebody/something starts or started

89.   **Answer: (D)**
Hence, option (d) is the correct answer.

90.   **Answer: (D)**
option (d) is the correct choice.
Other options render the sentence meaningless.

91.   **Answer: (B)**
Hence, option (b) is the correct answer.

92.   **Answer: (E)**
talks about the ability to memorise information.
Hence, option (e) is the correct answer.

93.   **Answer: (D)**
'Persecution' means unfair or cruel treatment over a long period of time because of race, religion, or political beliefs. 'Banality' means dull/boring. 'Cynosure' means centre of attraction. 'Oppression' means mental pressure or distress. 'Promiscuous' means irresponsible. 'Affable' means friendly.
So, 'oppression' is the right synonym.
Hence, option (d) is correct.

94.   **Answer: (A)**
It is mentioned that 'a migrant is someone who chooses to move, and a refugee is someone who has been forced from their home', so clearly the same as option 'a' can be interpreted.
Hence, option (a) is correct.

95.   **Answer: (D)**
A - Incorrect. As it is mentioned that 'large numbers of people fleeing countries in Africa and the Middle East for better and safer prospects in Europe.' So, the use of Australia is incorrect.
B - Correct. It is mentioned that 'many people migrate because their homes have become dangerous or difficult to live in. They might be fleeing from unrest, famine, drought, or economic collapse.' So, it is correct.

C - Incorrect. We cannot comment on veracity of anything that is not provided in the passage.
So, both A and C are false.
Hence, option (d) is correct.

96.   **Answer: (A)**
United Nations High Commissioner for Refugees

97.   **Answer: (E)**
All the options except option (e) shows the situations which are not in any person's control. To prosper more is a person's will and for that a pre planning is involved from the very first step of thinking about the same.
Hence, option (e) is correct.

98.   **Answer: (D)**
It is mentioned in the passage that 'Turning refugees away could mean sentencing them to death' and 'd' reflects the same.
Hence, option (d) is correct.

99.   **Answer: (B)**
'Surplus' means in excess amount. 'Ghastly' means terrible. 'Ill fitted' means uncomfortable.
'Surfeit' means an excessive amount of something. 'Dearth' means very small in amount.
So, 'dearth' is the right antonym.
Hence, option (b) is correct.

100.   **Answer: (C)**
'Excess' means an amount of something that is more than necessary, permitted, or desirable, and 'access' means the right or opportunity to approach or enter a place. Here, the use of 'excess' is contextually incorrect as 'right/opportunity' is required to live in a new country. Rest of the words are correct.
Hence, option (c) is correct.

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...keeps you ahead

टेस्ट फॉर्म नंबर

अधिकतम अंक	: 100
कुल प्रश्न	: 100
निर्धारित समय	: 60 मि.

उम्मीदवारों को निर्देश

प्रश्नों को हल करने से पहले निम्नलिखित निर्देशों को ध्यान से पढ़ें।

(1) इस पुस्तिका में **100 प्रश्न** हैं, जो कि कुल **3 भागों** में विभाजित हैं।

भाग -(I)   : Reasoning Aptitude   (35 प्रश्न)

भाग -(II) : Quantitative Aptitude   (35 प्रश्न)

भाग -(III) : English Language   (30 प्रश्न)

(2) सभी प्रश्न अनिवार्य हैं तथा सबके बराबर अंक हैं।

(3) प्रश्नों को हल करना प्रारम्भ करने से पहले आपको इस पुस्तिका की जांच करनी चाहिए और यह सुनिश्चित करना चाहिए कि इसमें सभी पृष्ठ उपस्थित हैं और कोई पृष्ठ कम या बदला हुआ नहीं है। अगर आपको इस पुस्तिका में कोई दोष मिलता है, तो आपको तुरंत इसे बदलना होगा।

(4) **प्रत्येक प्रश्न में नकारात्मक अंकन होता है क्योंकि प्रत्येक गलत उत्तर के लिए 0.25 अंक काट दिया जाएगा।**

(5) आपको निरीक्षक द्वारा उत्तर पुस्तिका अलग से दी जाएगी। आपको प्रश्नों को हल करना प्रारम्भ करने से पहले अपना नाम, रोल नंबर, टेस्ट नाम /आईडी और/परीक्षा का नाम उत्तर-पुस्तिका पर सावधानीपूर्वक पूरा करना होगा। आपको उत्तर-पुस्तिका में निर्धारित स्थान पर अपना हस्ताक्षर भी करना होगा। इन निर्देशों का पूरी तरह से पालन किया जाना चाहिए, जिसको न करने पर आपकी उत्तर-पुस्तिका का मूल्यांकन नहीं किया जाएगा और आपको 'शून्य 'अंक दिया जाएगा।

(6) उत्तर केवल **पेंसिल या ब्लैकब्लू बॉल पेन/** द्वारा उत्तरपुस्तिका प्रासंगिक प्रश्न संख्या के सम्बंधित गोले को पूरी तरह से ब्लैक करके - दिखाया जाना चाहिए।

(7) OMR उत्तर पुस्तिका को एक मशीन द्वारा जांचा जायेगा। यदि किसी स्थिति में उपलब्ध जानकारी, आवेदन पत्र में दी गयी जानकारी से अलग पायी गयी, तो आवेदक का आवेदन निरस्त कर दिया जायेगा।

(8) निरीक्षक की अनुमति मिलने के बाद ही कोई परीक्षा कक्ष छोड़ सकता है।

(9) उपरोक्त में से किसी भी निर्देश का अनुपालन करने में विफल उम्मीदवार को उपयुक्त कार्यवाही/जुर्माना के लिए उत्तरदायी समझा जा सकता है।

(10) जितनी जल्दी हो सके उतनी जल्दी और सावधानी से प्रश्नों का उत्तर दें। कुछ सवाल कठिन हो सकते हैं और दूसरे आसान हो सकते हैं। किसी भी प्रश्न पर ज्यादा समय नहीं बिताएं।

(11) मोबाइल फोन और वायरलेस संचार उपकरण, परीक्षा कक्ष कमरे में पूरी तरह से प्रतिबंधित/हैं। कोई भी आवेदक अपने मोबाइल का या किसी वायरलेस संचार उपकरण को बंद करके भी अपने पास नहीं रख सकता। नियम का उल्लंघन करने पर आवेदक के विरूद्ध उचित कार्यवाही की जायेगी और उसका आवेदन भी निरस्त किया जा सकता है।

(12) उत्तर-पत्र पर कोई रफ काम नहीं किया जाना चाहिए।

(13) कोई भी उम्मीदवार परीक्षा पूरा होने से पहले परीक्षा कक्ष नहीं छोड़ सकता है।

परीक्षार्थी का नामः...	
दिनाँकः.............. परीक्षा कोड	
अनुक्रमांकः...	

जब तक आपको यह परीक्षण पुस्तिका खोलने को न कहा जाए तब तक न खोलें।

Reasoning Aptitude

1. निम्नलिखित प्रश्न में दो कथन दिए गए हैं और इन कथनों के नीचे दो निष्कर्ष दिए गए हैं। उस विकल्प का चयन कीजिए जो सामान्य रूप से ज्ञात तथ्यों की अवहेलना करते हुए दिए गए कथनों का तार्किक रूप से अनुसरण करने वाले निष्कर्ष/निष्कर्षों को दर्शाता है।

कथन: कुछ शेड्स, कलर्स हैं।
कुछ फिल्टर्स, कलर्स हैं।
निष्कर्ष: I. सभी फिल्टर्स, शेड्स हैं।
II. कोई फिल्टर्स कभी भी शेड्स नहीं हो सकते हैं।
(A) केवल I अनुसरण करता है
(B) केवल II अनुसरण करता है
(C) या तो I या II अनुसरण करता है
(D) I और II दोनों अनुसरण करते हैं
(E) न तो I और न ही II अनुसरण करता है

2. नीचे दिए गए प्रश्न में, दो कथनों के बाद निष्कर्ष : I, II और III दिए गए हैं। आपको दिए गए कथनों को सत्य मानना है, भले ही वे आमतौर पर ज्ञात तथ्यों से भिन्न प्रतीत होते हों। निष्कर्षों का अध्ययन कीजिये और तय कीजिए कि दिए गए निष्कर्षों में से कौन-सा निष्कर्ष आमतौर पर ज्ञात तथ्यों की अवहेलना करते हुए दिए गए कथनों का तार्किक रूप से अनुसरण करता है।

कथन : केवल कुछ पिक्चर्स, मोटिफ्स हैं।
केवल कुछ ग्राफिक्स, मोटिफ्स हैं।
निष्कर्ष : I. कुछ ग्राफिक्स निश्चित रूप से मोटिफ्स नहीं हैं।
II. कुछ पिक्चर्स, ग्राफ्स हैं।
III. सभी पिक्चर्स कभी भी मोटिफ्स नहीं हो सकती।
(A) या तो I या III अनुसरण करता है
(B) केवल I और III अनुसरण करते हैं
(C) I, II और III सभी अनुसरण करते हैं
(D) केवल III अनुसरण करता है
(E) केवल II और III अनुसरण करते हैं

3. नीचे दिए गए प्रश्न में, दो कथनों के बाद दो निष्कर्ष : I और II दिए गए हैं। आपको दिए गए कथनों को सत्य मानना है, भले ही वे सामान्यतः ज्ञात तथ्यों से भिन्न प्रतीत होते हो। निष्कर्षों का अध्ययन कीजिए और फिर निर्धारित कीजिए कि दिए गए निष्कर्षों में से कौन-सा निष्कर्ष सामान्यतः ज्ञात तथ्यों की अवहेलना करते हुए दिए गए तीन कथनों का तार्किक रूप से अनुसरण करता है।

कथन : केवल कुछ केरी, सलूशन हैं।
केवल कुछ सलूशन, कैंडी हैं।
निष्कर्ष: I. केवल कुछ केरी, कैंडी हैं।
II. कुछ सलूशन निश्चित रूप से कैंडी नहीं हैं।
(A) या तो I या II अनुसरण करता है
(B) I और II दोनों अनुसरण करते हैं
(C) केवल I अनुसरण करता है
(D) न तो I और न ही II अनुसरण करता है
(E) केवल II अनुसरण करता है

निर्देश [4-8]: आठ व्यक्ति A, B, C, D, E, F, G और H एक पंक्ति में उत्तर की ओर मुखरित होकर बैठे थे। B, A के बाएँ ओर से तीसरे स्थान पर बैठा था। A और F के मध्य में 3 व्यक्ति बैठे थे। E, D के दाएँ ओर से चौथे स्थान पर

बैठा था। B, D का पड़ोसी नहीं था। C, G के निकट बैठा था। C और D के मध्य में 2 व्यक्ति बैठे थे। H के बाएँ ओर कम से कम 2 व्यक्ति बैठे थे।

4. चरम छोर पर कौन बैठे थे?
(A) B, E **(B)** F, C
(C) B, C **(D)** E, F
(E) उपर्युक्त में से कोई नहीं

5. H के बाएँ ओर कितने व्यक्ति बैठे थे?
(A) 2 **(B)** 3
(C) 4 **(D)** 5
(E) निर्धारित नहीं किया जा सकता

6. A के सन्दर्भ में, D का स्थान कौन-सा था?
(A) ठीक बाएँ **(B)** ठीक दाएँ
(C) बाएँ से दूसरा **(D)** दाएँ से दूसरा
(E) निर्धारित नहीं किया जा सकता

7. A और C के मध्य में कितने व्यक्ति बैठे थे?
(A) कोई नहीं **(B)** 1
(C) 2 **(D)** 3
(E) 4

8. निम्नलिखित में से किस समूह में, तीसरा व्यक्ति पहले व्यक्ति और दूसरे व्यक्ति के निकट बैठा है?
(A) BHD **(B)** DGC
(C) CEG **(D)** HAD
(E) FAH

निर्देश [09-11]: नीचे दी गई संख्याओं वाली स्ट्रिंग पर विचार कीजिए और प्रश्नों के उत्तर दीजिए।

4 6 3 2 8 9 7 0 6 5 4 9 8 7 3 9 7 6 5 7 2 1 0 9 5 8 4 5 7

9. स्ट्रिंग में ऐसी कितनी संख्याएँ हैं जिनके पहले एक सम संख्या और बाद में '5' से अधिक मान वाली संख्या है?
(A) 2 **(B)** 4
(C) 7 **(D)** 5
(E) 6

10. स्ट्रिंग में ऐसी कितनी संख्याएँ हैं जिनके बाद क्रमागत दो पूर्ण वर्ग हैं?
(A) कोई नहीं **(B)** 2
(C) 3 **(D)** 1
(E) 4

11. स्ट्रिंग के बाएँ छोर से उन्नीसवीं संख्या के बाईं ओर छठी संख्या कौन-सी है?
(A) 8 **(B)** 2
(C) 9 **(D)** 7
(E) 4

निर्देश [12-13]: श्रीमान रॉय कागज पर कुछ बिंदुओं को इस प्रकार अंकित करते हैं कि बिंदु P, रेखा KL और रेखा NO का मध्य बिंदु है। बिंदु N, बिंदु P के पश्चिम में 5 cm

की दूरी पर है। बिंदु L, बिंदु P के उत्तर में 5 cm की दूरी पर है। बिंदु N, बिंदु Q के दक्षिण में 10 cm की दूरी पर है और बिंदु Q, बिंदु J के पूर्व में 11 cm की दूरी पर है।

12. यदि बिंदु J, बिंदु O से संबंधित है; बिंदु Q, बिंदु K से संबंधित है, तो उसी प्रकार निम्नलिखित में से कौन-सा बिंदु, बिंदु N से संबंधित है?
(A) बिंदु L   (B) बिंदु K
(C) बिंदु O   (D) बिंदु Q
(E) बिंदु J

13. बिंदु K, बिंदु N के _____ की ओर है।
(A) दक्षिण   (B) दक्षिण-पूर्व
(C) उत्तर-पश्चिम   (D) दक्षिण-पश्चिम
(E) पूर्व

निर्देश: [14-18]: सात व्यक्ति P, Q, R, S, T, U और W, KBI बैंक में कार्यरत हैं तथा विभिन्न पदों पर तैनात हैं। घटते क्रम में ये पद Chairman, CEO, MD, Branch Manager(BM), Manager, PO, और Clerk. हैं। T, Manager से कनिष्ठ है। R, T से ठीक वरिष्ठ है। U, CEO है तथा U, W और R दोनों से वरिष्ठ है। W न तो MD के रूप में और न ही BM के रूप में तैनात है। S, W से ठीक वरिष्ठ है। P, Q से कनिष्ठ है।

14. कितने व्यक्ति P से वरिष्ठ हैं?
(A) 1   (B) 2
(C) 4   (D) 3
(E) 5

15. S का पदनाम क्या है?
(A) MD   (B) BM
(C) Manager   (D) PO
(E) Chairman

16. इनमें से कौन-सा कथन सत्य है?
(A) केवल दो व्यक्ति S से वरिष्ठ हैं
(B) Q, U से कनिष्ठ है
(C) W, T से कनिष्ठ है
(D) R का पदनाम PO है
(E) सभी कथन सत्य हैं

17. कितने व्यक्ति W से कनिष्ठ हैं?
(A) 1   (B) 2
(C) 3   (D) कोई नहीं
(E) 5

18. S से वरिष्ठ व्यक्तियों की संख्या _____ से कनिष्ठ व्यक्तियों की संख्या के समान है।
(A) Manager   (B) MD
(C) BM   (D) PO
(E) CEO

निर्देश [19-23]: एक जूते की दुकान में, महिलाओं के सात प्रकार के जूते सात अलग-अलग रैकों पर एक-दूसरे के ऊपर रखे जाते हैं। रैक नीचे से ऊपर तक क्रमशः 1 से 7 क्रमांकित हैं।

बेली को लोफर्स के ऊपर रखा जाता है लेकिन ठीक ऊपर नहीं रखा जाता है। म्यूल्स के ठीक नीचे फ्लिप-फ्लॉप रखे जाते हैं। टी-स्ट्रैप्स और बूट्स के बीच में दो रैक हैं। स्टिलेटोस को बूट्स या टी-स्ट्रैप्स के ठीक अगले स्थान पर नहीं रखा जाता है। टी-स्ट्रैप्स को बूट्स के ऊपर रखा जाता है लेकिन रैक संख्या 7 पर नहीं रखा जाता है। म्यूल्स को लोफर्स से ऊपर नहीं रखा जाता है।

19. निम्नलिखित में से किसे रैक संख्या 5 पर रखा जाता है?
(A) टी-स्ट्रैप्स   (B) बेली
(C) स्टिलेटोस   (D) लोफर्स
(E) म्यूल्स

20. निम्नलिखित में से किसे सबसे नीचे वाले रैक पर रखा जाता है?
(A) फ्लिप-फ्लॉप   (B) बूट्स
(C) स्टिलेटोस   (D) लोफर्स
(E) या तो (B) या (C)

21. निम्नलिखित में से किसे स्टिलेटोस के ऊपर रखा जाता है?
(A) बेली   (B) लोफर्स
(C) टी-स्ट्रैप्स   (D) दोनों (A) और (B)
(E) दोनों (A) और (C)

22. निम्नलिखित पाँच में से चार एक निश्चित प्रकार से एकसमान हैं। असंगत का चयन कीजिए।
(A) बेली, लोफर्स   (B) टी-स्ट्रैप्स, फ्लिप-फ्लॉप
(C) म्यूल्स, बूट्स   (D) स्टिलेटोस, म्यूल्स
(E) स्टिलेटोस, टी-स्ट्रैप्स

23. A के निकटस्थ दायें कौन बैठा है?
(A) D   (B) B
(C) E   (D) C
(E) G

24. प्रश्न में कथनों में अलग-अलग तत्वों के बीच संबंध को दर्शाया गया है, जिसके बाद दो निष्कर्ष। और ॥ दिए गए हैं। कथनों को ध्यानपूर्वक पढ़िए और सही विकल्प का चयन कीजिए।
कथन: $S \le T < U = V, W = X \ge Y > U$
निष्कर्ष: I. $X > S$ **II.** $V < W$
(A) यदि न तो निष्कर्ष। और न ही निष्कर्ष ॥ अनुसरण करता है।
(B) यदि केवल निष्कर्ष ॥ अनुसरण करता है।
(C) यदि या तो निष्कर्ष। या निष्कर्ष ॥ अनुसरण करता है।
(D) यदि निष्कर्ष। और निष्कर्ष ॥ दोनों अनुसरण करते हैं।
(E) यदि केवल निष्कर्ष। अनुसरण करता है।

निर्देश [25-27]: एक टीम में अलग-अलग वजन के सात लड़के हैं। U, 89 किलोग्राम वजन के साथ दूसरा सबसे भारी है। कम से कम तीन व्यक्ति Q से हल्के हैं, Q सबसे भारी नहीं है। T, S से ठीक भारी है। V जिसका वजन 52 किलोग्राम है, वह T से भारी है लेकिन P से हल्का है। U, P से भारी है। P, Q से भारी है लेकिन R से हल्का है।

25. Q का संभावित वजन कितना हो सकता है?
(A) 90 किलोग्राम (B) 85 किलोग्राम
(C) 99 किलोग्राम (D) 40 किलोग्राम
(E) 35 किलोग्राम

26. कितने व्यक्तियों का वजन R से कम है?
(A) 6 (B) 5
(C) 4 (D) 3
(E) 2

27. निम्नलिखित में से किसका वजन Q से कम है?
(A) R (B) P
(C) T (D) U
(E) इनमें से कोई नहीं

28. नीचे दी गई जानकारी के आधार पर प्रश्नों के उत्तर दें
कथन: $T \leq W < X$; $S \geq T = U \geq V$
निष्कर्ष: I. $S \geq X$ **II.** $U < X$
(A) यदि केवल निष्कर्ष I सत्य है
(B) यदि या तो निष्कर्ष I या II सत्य है
(C) यदि केवल निष्कर्ष II सत्य है
(D) यदि न तो निष्कर्ष I न II सत्य है
(E) यदि दोनों निष्कर्ष I और II सत्य हैं

29. निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें और नीचे दिए गए प्रश्नों के उत्तर दें:
कथन : $I \leq N > S$, $Y < R$, $I = X = R$
निष्कर्ष : 1. $N > Y$ **2.** $R \leq N$
(A) केवल 1 अनुसरण करता है
(B) केवल 2 अनुसरण करता है
(C) दोनों 1 और 2 अनुसरण करते हैं
(D) न तो 1 और न 2 अनुसरण करता है
(E) या तो 1 या 2 अनुसरण करता है

30. शब्द "PLEASURE" में वर्णों के ऐसे कितने युग्म हैं, जिसमें शब्द के प्रत्येक वर्ण के बीच में उतने ही वर्ण हैं (आगे और पीछे दोनों दिशाओं में) जितने कि अंग्रेज़ी वर्णमाला श्रृंखला में उनके बीच होते हैं?
(A) 3 (B) 2
(C) 1 (D) 4
(E) 5

निर्देश [31-34]: आठ व्यक्तियों A, B, C, D, E, F, G और H का जन्म समान वर्ष के या तो जून या जुलाई महीने की 1, 2, 3 और 4 तारीख को हुआ था। कम से कम एक व्यक्ति H से आयु में बड़ा है। B से पहले कम से कम दो व्यक्तियों का जन्म हुआ था। D का जन्म E के ठीक बाद हुआ था और इन दोनों का जन्म अलग-अलग महीनों में हुआ था। E के बाद जन्म लेने वाले व्यक्तियों की संख्या, B के बाद जन्म लेने वाले व्यक्तियों की संख्या के दोगुने से अधिक नहीं है। B और C का जन्म समान तारीख को लेकिन अलग-अलग महीनों में हुआ था।
C और F के बीच में केवल चार व्यक्तियों का जन्म हुआ था। G, A से आयु में बड़ा है और दोनों का जन्म समान महीने में हुआ था।

31. निम्नलिखित में से किसका जन्म जुलाई में नहीं हुआ था?
(A) D (B) F
(C) H (D) B
(E) G

32. निम्नलिखित में से कौन-सा/से व्यक्ति A से आयु में बड़ा/बड़े नहीं है/हैं?
I. C **II.** B **III.** H
(A) केवल II और III (B) केवल II
(C) केवल I और II (D) केवल III
(E) केवल I

33. B का जन्म _____ को हुआ था।
(A) 2 जून (B) 2 जुलाई
(C) 3 जून (D) 4 जुलाई
(E) 3 जुलाई

34. F का जन्म A के जन्म के बाद ____ दिन पर हुआ था।
(A) 31वें (B) 28वें
(C) 30वें (D) 29वें
(E) निर्धारित नहीं किया जा सकता

35. शब्द AEROPLANE में ऐसे कितने जोड़े हैं, जिनमें से प्रत्येक के बीच में उतने ही अक्षर हैं, जितने कि अंग्रेजी में होते हैं?
(A) 4 (B) 5
(C) 2 (D) 1
(E) 3

Quantitative Aptitude

निर्देश [36-40]: निम्नलिखित दण्ड आरेख पाँच अलग-अलग महीनों में दो दुकानदारों द्वारा बेची गई वस्तुओं की संख्या को दर्शाता है।
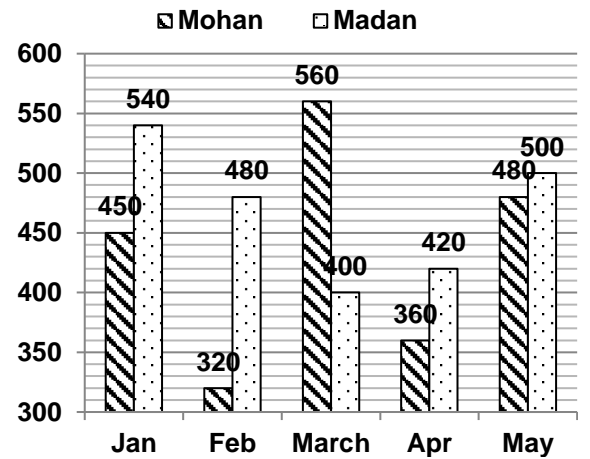
36. मोहन द्वारा अप्रैल महीने में बेची गई वस्तुओं की संख्या, फरवरी महीने में मदन द्वारा बेची गई वस्तुओं की संख्या का कितने प्रतिशत है?
(A) 60% (B) 50%
(C) 75% (D) 55%
(E) इनमें से कोई नहीं

37. जनवरी महीने में मोहन द्वारा बेची गई वस्तुओं की संख्या और मार्च महीने में मदन द्वारा बेची गई वस्तुओं की संख्या का सम्बन्धित अनुपात ज्ञात कीजिए।

(A) 9 : 8   (B) 7 : 6
(C) 8 : 7   (D) 6 : 5
(E) इनमें से कोई नहीं

38. मदन द्वारा जनवरी महीने में बेची गई वस्तुओं की संख्या और मोहन द्वारा मई महीने में बेची गई वस्तुओं की संख्या के मध्य का अन्तर ज्ञात कीजिए।

(A) 40   (B) 55
(C) 35   (D) 60
(E) इनमें से कोई नहीं

39. मदन द्वारा सभी पाँच महीनों में बेची गई वस्तुओं की कुल संख्या ज्ञात कीजिए।

(A) 2340   (B) 2240
(C) 2440   (D) 2120
(E) इनमें से कोई नहीं

40. मोहन द्वारा मार्च महीने में बेची गई वस्तुओं की संख्या, फरवरी महीने में उसके द्वारा बेची गई वस्तुओं की संख्या से कितने प्रतिशत अधिक है?

(A) 50%   (B) 75%
(C) 25%   (D) 60%
(E) इनमें से कोई नहीं

41. A और B की वर्तमान आयु का अनुपात 13:19 है, उनकी आयु के बीच का अंतर 12 वर्ष है। 4 वर्ष बाद C की आयु ज्ञात करें, यदि C की वर्तमान आयु A और B की वर्तमान आयु के औसत के बराबर है।

(A) 40 वर्ष   (B) 32 वर्ष
(C) 68 वर्ष   (D) 36 वर्ष
(E) इनमें से कोई नहीं

42. प्रश्न चिह्न के स्थान पर क्या मान आना चाहिए?
$125\% \ of \ 40 - 40\% \ of \ 65 = ? \div 7$

(A) 168   (B) 110
(C) 125   (D) 156
(E) 215

43. निम्नलिखित प्रश्न में प्रश्न चिन्ह (?) के स्थान पर क्या मान आयेगा?
$(0.5)^{118} \div 0.25^{58} = (0.5)^?$

(A) -5   (B) 25
(C) 10   (D) 7
(E) 19

44. प्रश्न चिह्न के स्थान पर क्या मान आना चाहिए?
$280 \times ?^2 = 14\% \ of \ 720$

(A) 6/7   (B) 6/5
(C) 4/5   (D) 3/5
(E) 6/11

45. निम्नलिखित प्रश्न में प्रश्न चिह्न (?) के स्थान पर क्या मान आएगा?

$(0.36)^{102} \div 0.216^{60} = (0.36)^?$

(A) 6   (B) -6
(C) 0   (D) 27
(E) 12

46. प्रश्न चिह्न के स्थान पर क्या मान आना चाहिए?
$\sqrt{3025} \div 5 - 125 = ? \times (-6)$

(A) 17   (B) 21
(C) 23   (D) 19
(E) 13

47. निम्नलिखित प्रश्न में प्रश्न चिह्न (?) के स्थान पर क्या मान आयेगा?
$\sqrt{784 + 2} + ? = 1\frac{2}{6} \ of \ 120$

(A) 121   (B) 113
(C) 132   (D) 126
(E) 137

48. निम्नलिखित प्रश्न में प्रश्न चिन्ह (?) के स्थान पर क्या मान आयेगा?
35% of 340 - 30% of 730 = ?

(A) -100   (B) 0
(C) -120   (D) -60
(E) -130

49. निम्न प्रश्न में, प्रश्न चिह्न (?) के स्थान पर क्या मान आएगा?
$256 + ? = 4\frac{1}{6} \ of \ 126$

(A) 493   (B) 497
(C) 512   (D) 509
(E) 522

50. निम्नलिखित प्रश्न में प्रश्न चिन्ह (?) के स्थान पर क्या मान आएगा?
$\frac{180}{3} + 15 \times 12 = ? + \frac{140}{2} - 13$

(A) 197   (B) 183
(C) 175   (D) 187
(E) 177

51. निम्नलिखित प्रश्न में प्रश्न चिन्ह (?) के स्थान पर क्या मान आयेगा?
17 × 14 - 108 + 86 = ? - 117

(A) 375   (B) 228
(C) 419   (D) 432
(E) 333

52. अंग्रेजी में 10 विद्यार्थियों के अंकों का औसत 75 है। यदि 2 विद्यार्थियों के अंकों को गलती से 55 और 60 के स्थान पर क्रमशः 42 और 65 के रूप में पढ़ा जाता है, तो अंग्रेजी में अंकों का वास्तविक औसत है:

(A) 80   (B) 82.6
(C) 75.8   (D) 67
(E) 84

53. एक 760 m लंबे पतले तार का उपयोग पूरी तरह से 75 m भुजा का एक वर्ग, 28 m त्रिज्या का एक वृत्त और 90

m लंबाई का एक आयत बनाने के लिए किया जाता है। एक आयत की चौड़ाई कितनी है? (π = 22/7 लीजिए)

(A) 62 m   (B) 54 m
(C) 68 m   (D) 78 m
(E) 52 m

54. दो नावों A और B की गति धारा के प्रतिकूल दिशा में क्रमशः 3 : 5 के अनुपात में है। धारा 5 किमी/घंटा की गति से बह रही है। यदि दोनों नावों की गति धारा के अनुकूल दिशा के बीच का अन्तर 8 किमी/घंटा है, तो स्थिर जल में नाव A की गति कितनी है?

(A) 20 किमी/घंटा   (B) 17 किमी/घंटा
(C) 14 किमी/घंटा   (D) 23 किमी/घंटा
(E) 11 किमी/घंटा

55. एकसाथ पाइप A और B एक टैंक को 20 मिनट में भर सकते हैं जबकि एकसाथ पाइप B और C टैंक को 30 मिनट में भर सकते हैं। यदि एकसाथ पाइप A और C टैंक को 15 मिनट में भर सकते हैं, तो अकेले पाइप C द्वारा टैंक को भरने में लिया गया समय ज्ञात करें।

(A) 45 मिनट   (B) 50 मिनट
(C) 120 मिनट   (D) 40 मिनट
(E) 60 मिनट

56. A और B का निवेश क्रमशः 7:12 के अनुपात में है और उनके द्वारा प्राप्त लाभ क्रमशः 3:4 के अनुपात में है| A और B के निवेश की अवधि का अनुपात क्रमशः कितना होगा?

(A) 6: 5   (B) 9: 7
(C) 7: 6   (D) 3: 2
(E) 7: 3

57. निम्नलिखित श्रृंखला में लुप्त पद (?) ज्ञात कीजिए-
24, 22, 25, 20, 27, ? , 29

(A) 18   (B) 16
(C) 19   (D) 20
(E) 23

58. श्रृंखला में गलत पद ज्ञात कीजिए।
25, 40, 70, 160, 480, 2320

(A) 2320   (B) 40
(C) 480   (D) 160
(E) 70

59. श्रृंखला में अगला पद ज्ञात कीजिए।
70560,10080,1680,336,84, ?

(A) 28   (B) 120
(C) 94   (D) 110
(E) 116

60. दिए गए प्रश्न में, दो समीकरण I और II दिए गए हैं। दोनों समीकरणों को हल कीजिए और तदनुसार उत्तर दीजिए।
I. $x^2 - 8x + 15 = 0$ II. $y^2 + 17y + 70 = 0$

(A) यदि x < y   (B) यदि x ≤ y
(C) यदि x > y   (D) यदि x ≥ y
(E) यदि x = y या x और y के बीच सम्बन्ध स्थापित नहीं किया जा सकता

61. प्रश्नों में दो समीकरण संख्यांकित I और II दिए गए हैं। आपको दोनों समीकरणों को हल करना है तथा सही विकल्प का चयन करना है।
I. $x^2 - 19x + 84 = 0$ II. $y^2 - 25y + 156 = 0$

(A) x > y   (B) x ≥ y
(C) x < y   (D) x ≤ y
(E) x = y या संबंध स्थापित नहीं किया जा सकता है

62. निम्नलिखित प्रश्न में प्रश्न चिन्ह (?) के स्थान पर अनुमानित मान क्या आएगा?
$11.98 - 4.03 \div 1.98 = \sqrt{?}$

(A) 100   (B) 96
(C) 36   (D) 64
(E) 131

63. निम्नलिखित प्रश्न में प्रश्न चिह्न (?) के स्थान पर अनुमानित मान क्या आएगा?
$(? \div 9.94) \div (154.11 \div 11.11) = 4.001$

(A) 330   (B) 114
(C) 560   (D) 460
(E) 250

64. दिए गए प्रश्न में प्रश्न चिन्ह (?) के स्थान पर लगभग कितना मान आना चाहिए? (आप सटीक मान ज्ञात करने के लिए अपेक्षित नहीं हैं)
$728.99 + 167.01 - 839.001 + 371.994 = ?$

(A) 459   (B) 449
(C) 419   (D) 429
(E) 439

65. 45 नींबू को 40 रुपये में बेचने पर एक व्यक्ति को 20% का हानि होता है। लेनदेन में 20% का लाभ प्राप्त करने के लिए उसे 24 रुपये में कितने नींबू बेचने होंगे?

(A) 19   (B) 22
(C) 20   (D) 18
(E) 25

निर्देश [66-70]: निम्नलिखित सूचना का सावधानीपूर्वक अध्ययन कीजिए और संबंधित प्रश्नों के उत्तर दें।

तीन कम्पनियों A, B और C में एक साथ कर्मचारियों की संख्या 2,000 है। कम्पनी B में कर्मचारियों की संख्या, कम्पनी C में कर्मचारियों की संख्या का 70% है। कम्पनी C में, पुरुष कर्मचारियों की संख्या, महिला कर्मचारियों से 20 कम है। कम्पनी A में पुरुष और महिला कर्मचारियों की संख्या क्रमशः 5 : 4 के अनुपात में है और उनका अन्तर 90 है। कम्पनी B में 144 महिला कर्मचारी हैं।

66. कम्पनी A में पुरुष कर्मचारियों की संख्या, कम्पनी B के कुल कर्मचारियों का लगभग कितने प्रतिशत है?

(A) 107%   (B) 115%
(C) 98%   (D) 110%
(E) 92%

67. कम्पनी B में पुरुष कर्मचारियों की संख्या और कम्पनी C में कुल कर्मचारियों के मध्य का अन्तर कितना है?

(A) 354   (B) 368
(C) 344   (D) 324
(E) 338

68. कम्पनी C में, यदि 60% पुरुष कर्मचारी और 40% महिला कर्मचारी सुबह की पाली में कार्य करते हैं, तो कम्पनी C में कितने कर्मचारी सुबह की पाली में कार्य करते हैं?
(A) 322   (B) 348
(C) 330   (D) 354
(E) 366

69. A और B कम्पनियों में महिला कर्मचारियों की संख्या का सम्बन्धित अनुपात कितना है?
(A) 3 : 1   (B) 3 : 2
(C) 5 : 3   (D) 5 : 2
(E) इनमें से कोई नहीं

70. संयुक्त रूप से सभी तीनों कम्पनियों में कितने पुरुष कर्मचारी हैं?
(A) 1,006   (B) 1,186
(C) 1,136   (D) 1,296
(E) 1,146

English Language

71. In the following question, a sentence is given with three words marked as (A), (B) and (C). Among the options choose the correct order of words that is required to make the sentence grammatically and contextually correct. If no change is required, mark E; 'No change required' as your answer.
As **versions (A)** artificial intelligence technology advances toward Hollywood's imagined **standing (B)**, the question of moral **real (C)** grows more important.
(A) ACB   (B) CAB
(C) BCA   (D) CBA
(E) No change required

72. In the following question, a sentence is given with three words marked as (A), (B), and (C). These words may or may not be placed at their correct places. Four options with different arrangements of these words are given. Mark the option with correct arrangement as the answer. If no change is required, mark 'No rearrangement required' as your answer.
This should prompt the victim to **allow (A)** their situation and the risks the **illegally (B)** posted content creates for them, and **explain (C)** swift action from the company.
(A) ACB   (B) CBA
(C) CAB   (D) BAC
(E) No rearrangement required

73. In the following question, a sentence is given, divided into five parts. The part given in bold is grammatically and contextually correct. Out of the remaining four parts, one part may contain an error. Mark the option containing the part with the error. If none of the parts have errors, mark 'No error' as your answer.
The thunder storm (A) / came suddenly out (B) / of nowhere (C) **/ yesterday in the morning,** (D) / and surprising all of us. (E)

(A) B   (B) A
(C) C   (D) E
(E) All are correct

74. In the following question, a sentence is given, divided into five parts. The part given in bold is grammatically and contextually correct. Out of the remaining four parts, one part may contain an error. Mark the option containing the part with the error. If none of the parts have errors, mark 'No error' as your answer.
The singer has a (A) / beautiful voice, and (B) / his voice makes (C) /me calm wherever (D) / **I listen to his songs.** (E)
(A) B   (B) C
(C) D   (D) A
(E) No error

75. In the question below, a sentence is given with four words highlighted in bold. One of these four words may or may not be wrongly spelt. Find out the word, which is wrongly spelt, if any. If all the words are correctly spelt, mark 'All are correct' as your answer.
The new **salary (A)** scale only **refers (B)** to company **manegers (C)** and **directors (D)**.
(A) C   (B) D
(C) A   (D) B
(E) All are correct

76. In the question given below, a sentence is given with four words highlighted in bold. One of these four words may either be wrongly spelt or inappropriate in the context of the sentence. Find out the word, which is wrongly spelt or inappropriate, if any. If all the words are correctly spelt and appropriate in the context of the sentence, mark 'All are correct' as your answer.
If a criminal **discloses (A)** that he is thinking about **assasination (B)**, it is **important (C)** to ask him to share more about his ideas and if he knows he might **murder (D)** someone.
(A) D   (B) C
(C) B   (D) All are correct
(E) A

77. In the following question, a sentence is given with certain words, marked as (A), (B) and (C). Choose the options with the sequence of words to make the sentence grammatically and contextually correct. If no change is required, mark 'No correction required' as your answer.
Boundaries **blurred (A)** home and work have **working (B)** over the last year, and the feeling of **around (C)** 24/7 is neither good for your family nor your productivity.
(A) BAC   (B) CAB
(C) BCA   (D) CBA
(E) No Correction required

78. In the following question, a sentence is given with three words marked as (A), (B) and (C). Among the options choose the correct order of words that is required to make the sentence grammatically and contextually correct. If no change is required, mark 'No correction required' as the answer.
Following the Supreme Court's **scheme (A)**, the government came up with a **direction (B)** in a bid to provide **relief (C)** to small borrowers.
(A) BAC   (B) CAB
(C) ACB   (D) CBA
(E) No correction required

79. In the following question, a sentence is given with three words marked as (A), (B) and (C). Among the options choose the correct order of words that is required to make the sentence grammatically and contextually correct. If no change is required, mark 'No correction required' as the answer.

The study successfully **combined (A)** methods to turn a/an **robust (B)** set of observations into a/an **incidental (C)** understanding.

(A) BCA   **(B)** BAC
(C) ACB   **(D)** CAB
(E) No correction required

80. In the question given below, a sentence is given with two blanks, followed by 6 choices, each having a word/ phrase which may or may not fit in either of the two blanks. From the given options, choose the one that gives the correct combination of choices that fit in the blanks in the respective order.

The centre has claimed that a large number _____ up to vote for the local body polls because there was _____ with the people.

1. Claimed   **2.** Turned
3. Coughed   **4.** Interact
5. Connect   **6.** Truth
(A) 1 and 3   **(B)** 2 and 4
(C) 3 and 6   **(D)** 2 and 5
(E) 1 and 2

81. In the question given below, a sentence is given with two blanks, followed by 6 choices, each having a word/ phrase which may or may not fit in either of the two blanks. From the given options, choose the one that gives the correct combination of choices that fit in the blanks in the respective order.

Australia's _____ city was picking up the pieces today after a series of lightning and hail-storms _____ cars with ice blocks the size of tennis balls.

1. Smallest   **2.** Largest
3. Frequen   **4.** Struck
5. Pummelled   **6.** Wade
(A) Only 1 and 2   **(B)** Only 2 and 4
(C) Only 3 and 6   **(D)** 1 and 4 & 2 and 5
(E) 1 and 5 & 3 and 6

82. In the question given below, a sentence is given, divided into parts. One of the parts may contain an error. Identify the part that contains the error, and mark it as the answer. Ignore errors of punctuation. In case the sentence is correct as it is, mark option (e), that is, 'No error'. Note – The words in bold are grammatically and contextually correct.

Even though the company claims the energy drink is harmlessly, you may experience some unwanted side effects after drinking **the beverage**.

(A) the company claims the energy drink
(B) is harmlessly, you may
(C) experience some unwanted
(C) side effects after drinking
(D) No error

83. In the question given below, a sentence is given, divided into parts. One of the parts may contain an error. Identify the part that contains the error, and mark it as the answer. Ignore errors of punctuation. In case the sentence is correct as it is, mark option (e), that is, 'No error'. Note – The words in bold are grammatically and contextually correct.

Although politics bring about famines, natural disasters are certainly part of the background, **reducing** food production and challenging the resolve of individuals, households and wider social groups.

(A) bring about famines, natural disasters
(B) are certainly part of the background,
(C) food production and challenging the resolve
(D) of individuals, households and wider social groups.
(E) No error

84. In the question below, a sentence is given with four words highlighted in bold. One of these four words may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word, which is wrongly spelt or inappropriate, if any. If all the words are correctly spelt and appropriate in the context of the sentence, mark (E) as your answer.

Technological **innovation (A)** has the potential to drive economic growth and increase **productievity (B)**, but it also **poses (C)** risks and challenges that must be **addressed (D)**.

(A) Both A and C   **(B)** Only B
(C) Only C   **(D)** Both B and D
(E) All are correct

85. In the following question, a sentence is given with a phrase highlighted in bold. Select the option given below that can replace the phrase in bold to make the sentence grammatically and contextually correct and mark that as your answer. If the sentence is correct as it is, mark 'No correction required', as the answer.

The multitude was surprised by the **arrogance attitude of** the host.

(A) arrogantly attitude
(B) arrogant attitude
(C) No correction required
(D) arrogance attitudes
(E) arrogantly attitudes

86. In the following question, a sentence is given, divided into four parts, which may or may not contain an error. Mark the option containing the part with the error. If the sentence is error free, mark 'No error' as the answer.

The people outside (A)/ the cinema hall were (B)/ giving the tickets away (C)/ free from charge (D)/ No Error.

(A) A   **(B)** B
(C) C   **(D)** D
(E) E

Directions [87-92]: In the following passage, some of the words have been left out and replaced by blanks represented with letters. First, read the passage and try to understand what it is about. Then fill in the blanks as per the questions given.

The term IQ, or Intelligence Quotient, generally __(A)__ a score on a test that rates the subject's cognitive ability as compared to the general population. IQ tests use a standardized scale with 100 as the median score. On most tests, a score __(B)__ 90 and 110, or the median plus or minus 10, indicates average intelligence. A score above 130 indicates __(C)__ intelligence and a score below 70 may indicate mental retardation. Like their predecessors, modern tests do take into __(D)__ the age of a child when determining an IQ score. Children are graded relative to the population at their developmental level. What is this cognitive ability being measured? Simply put, IQ tests are __(E)__ to measure your general ability to solve problems and understand concepts.

This includes reasoning ability, problem-solving ability, ability to perceive relationships between things and ability to store and __(F)__ information. IQ tests measure this general intellectual ability in a number of different ways.

87. Select the most appropriate option to fill in the blank A.
(A) known   (B) considered
(C) describes   (D) point
(E) denote

88. Select the most appropriate option to fill in the blank B.
(A) to   (B) off
(C) of   (D) from
(E) between

89. Select the most appropriate option to fill in the blank C.
(A) mediocre   (B) subpar
(C) standard   (D) atypical
(E) normal

90. Select the most appropriate option to fill in the blank D.
(A) offer   (B) case
(C) consider   (D) account
(E) fact

91. Select the most appropriate option to fill in the blank E.
(A) designing   (B) intended
(C) completed   (D) sketched
(E) curating

92. Select the most appropriate option to fill in the blank F.
(A) processing   (B) writing
(C) reclaim   (D) hoard
(E) retrieve

Directions [93-100]: Read the following passage carefully and answer the questions that follow.

Migrant and refugee are just two of the many terms we use to describe people who are seeking new homes in other countries. These two terms in particular have become hot topics in the media and political discourse owing to large numbers of people fleeing countries in Africa and the Middle East for better and safer prospects in Europe. But is there a difference between migrants and refugees? And does it matter? Simply speaking, a migrant is someone who chooses to move, and a refugee is someone who has been forced from their home. Refugees, according to the Office of the United Nations High Commissioner for Refugees (UNHCR), are people who are "fleeing armed **persecution**" and "for whom denial of asylum has potentially deadly consequences." Refugees leave their home countries because it is dangerous for them to stay. Turning refugees away could mean sentencing them to death. They often arrive without their personal belongings, sometimes without preplanning. Migrants, on the other hand, may move for any number of reasons. Some of them move to be with family or for economic reasons. Others move for education. Many of them return to their home countries after a few years. They are often able to plan their own travel and bring or sell their belongings. Does this mean that all migrants are moving from good situations to better ones?

Unfortunately, no. Many people migrate because their homes have become dangerous or difficult to live in. They might be fleeing from unrest, famine, drought, or economic collapse. But unless they are in danger of persecution, they are not considered refugees.

The distinction is an important one, because an international convention in 1951 outlined certain rights for people deemed refugees, whereas migrants have no such rights. Refugees are protected from being deported or returned to situations that might threaten their lives. They are to be given excess to social services and to be integrated into their new country's society. Migrants are subjected to a country's immigration laws and procedures and can be turned away or deported back to their homeland.

93. Which of the following words is a synonym of the word- PERSECUTION?
(A) Affable   (B) Banality
(C) Cynosure   (D) Oppression
(E) Promiscuous

94. What is main difference between a refuge and a migrant as per the passage?
(A) The main difference is whether the person is moving willingly or under pressure.
(B) The number of people who have moved.
(C) The responsibility which forces people to move.
(D) Their inclination towards moving.
(E) The major difference is in the demand.

95. Which of the following is/are FALSE as per the passage?
A. Large number of migrants are from Africa and Australia.
B. People have to move to save themselves from unrest, economic collapse or famine.
C. No proper organisation has been set up for illegal migrants.
(A) Only C   (B) Only B
(C) Only A   (D) Both A and C
(E) A, B and C

96. Which of the following is the correct full form of UNHCR?
(A) United Nations High Commissioner for Refugees
(B) United National High Care from Refugees
(C) United Nations Human Commissioner for Refugees
(D) United Nations Human Care for Refugees
(E) Union of National High Commissioner for Refugees

97. Which of the following is NOT mentioned as a reason for refugees/migrants moving without preplanning?
(A) All instances stated here, find a mention in the passage.
(B) When there is danger of persecution.
(C) In cases of economic collapse.
(D) In cases of famine and drought.
(E) When people feel, they will prosper more in another country.

98. The phrase by UNHRC - 'for whom denial of asylum has potentially deadly consequences' means.
(A) people are denying to get any asylum
(B) people does not have a proper income

(C) people are unable to earn their bread and butter

(D) a situation having detrimental consequences

(E) a situation is provided in which people are kept in asylum

99. Which of the following words is an antonym of the word- SURPLUS?
     (A) Surfeit   **(B)** Dearth
     (C) Ill fitted   **(D)** Disbalance
     (E) Ghastly

100. In the question below, a sentence is given with four words highlighted in bold. One of these four words may either be wrongly spelt or inappropriate in the context of the sentence. Find out the word, which is wrongly spelt or inappropriate, if any. If all the words are correctly spelt and appropriate in the context of the sentence, mark (E) as your answer.
     They are to be given **excess (A)** to social **services (B)** and to be **integrated (C)** into their new country's **society (D)**.
     (A) C   **(B)** B
     (C) A   **(D)** D
     (E) All are correct

Reasoning Aptitude

1. **Answer: (E)**
दिए गए कथन हैं,
कुछ शेड्स, कलर्स हैं।
कुछ फिल्टर्स, कलर्स हैं।
मूल न्यूनतम ओवरलैपिंग आरेख और एक अन्य संभावित आरेख हैं,
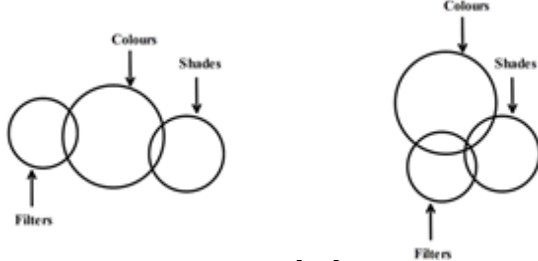
यहां, सभी फिल्टर शेड नहीं हैं और कुछ फिल्टर शेड हो सकते हैं।
अतः, दोनों निष्कर्ष अनुसरण नहीं करते हैं।

2. **Answer: (B)**
केवल कुछ पिक्चर्स, मोटिफ्स हैं।
केवल कुछ ग्राफिक्स, मोटिफ्स हैं।
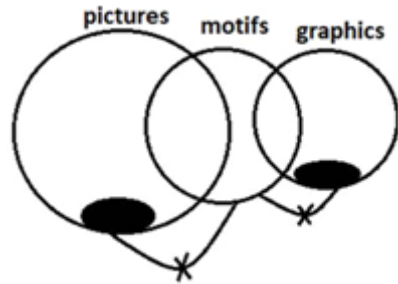
"कुछ ग्राफ़िक्स निश्चित रूप से मोटिफ्स नहीं हो सकते" सत्य नहीं हैं। कुछ पिक्चर्स के ग्राफ़ होने की संभावना है लेकिन निश्चित सत्य नहीं है। यह सत्य है कि "सभी पिक्चर्स कभी भी मोटिफ्स नहीं हो सकते"। केवल I और III अनुसरण करते हैं।

3. **Answer: (E)**
केवल कुछ केरी, सलूशन हैं।
केवल कुछ सलूशन, कैंडी हैं।
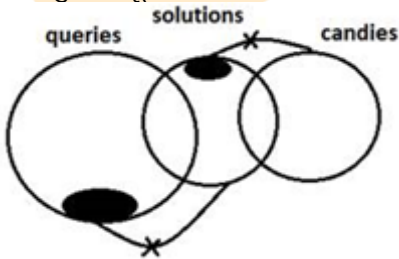
'कम से कम कुछ केरी कैंडीज़ हैं' निश्चित रूप से सत्य नहीं हैं। 'कुछ सलूशन निश्चित रूप से कैंडी नहीं हैं' यह सत्य है। अतः, केवल II अनुसरण करता है।

4. **Answer: (D)**
B, A के बायीं ओर तीसरे स्थान पर बैठा था
• A और F के बीच 3 व्यक्ति बैठे थे।

F _ B _ _ _ A _

B _ _ _ A _ _ _ F
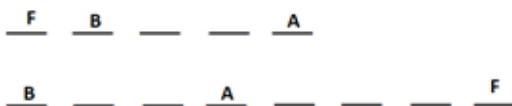
• E, D के दायें से चौथे स्थान पर बैठा था
• C, G के पड़ोस में बैठा था

• C और D के बीच 2 व्यक्ति बैठे थे
• B, D का पड़ोसी नहीं था

B _ _ D A _ G _ C E F

F B _ _ D A _ G C _ E

D _ F B C E A

D _ _ F B E _ A

तीसरी व्यवस्था अमान्य है क्योंकि G को नहीं रखा जा सकता है और चौथी व्यवस्था अमान्य है क्योंकि C को नहीं रखा जा सकता है।

B H D A G C E F

F B H D A G C E

• H के बाईं ओर कम से कम 2 व्यक्ति बैठे थे।

F B H D A G C E

5. **Answer: (A)**
H के बाईं ओर 2 व्यक्ति बैठे थे।

6. **Answer: (A)**
D, A के ठीक बाईं ओर था।

7. **Answer: (B)**
A और C के बीच केवल 1 व्यक्ति बैठा था।

8. **Answer: (D)**
D, H और A के बगल में बैठा था।

9. **Answer: (D)**
वे संख्याएँ जिनके पहले एक सम संख्या आती है और बाद में '5' से बड़ी संख्या आती है, वे 8, 9, 9, 5 और 5 हैं।

4 6 3 **2 8 9** 7 0 6 5 **4 9 8** 7 3 9 7 **6 5 7** 2 1 0 9 5 8 **4 5 7**

10. **Answer: (C)**
यहां, 5, 2 और 1 के बाद दो पूर्ण वर्ग हैं।
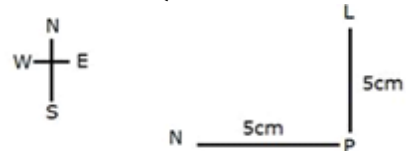
11. **Answer: (A)**
यहां, '8' '5' के बाईं ओर छठा है जो कि स्ट्रिंग के बाएं छोर से उन्नीसवां है।
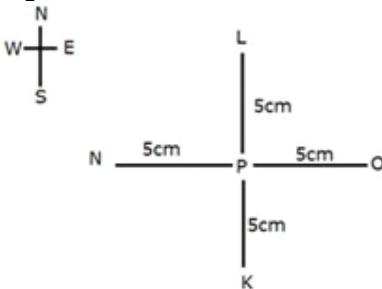
12. **Answer: (E)**
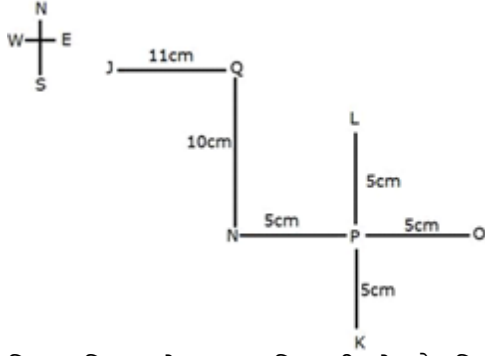श्री रॉय कागज पर निश्चित संख्या में अंक अंकित करते हैं।
बिंदु N, बिंदु P के 5 सेमी पश्चिम में है। बिंदु L, बिंदु P के 5 सेमी उत्तर में है।

बिंदु P, रेखा KL और रेखा NO का मध्य बिंदु है।

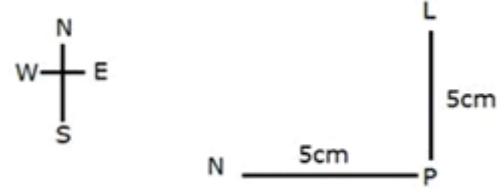बिंदु N, बिंदु Q के 10 सेमी दक्षिण में है, जो बिंदु J के 11 सेमी पूर्व में है।

बिंदु J, बिंदु O के उत्तर पश्चिम की ओर है। बिंदु Q, बिंदु K के उत्तर पश्चिम की ओर है। इसी प्रकार, बिंदु J, बिंदु N के उत्तर पश्चिम की ओर है।
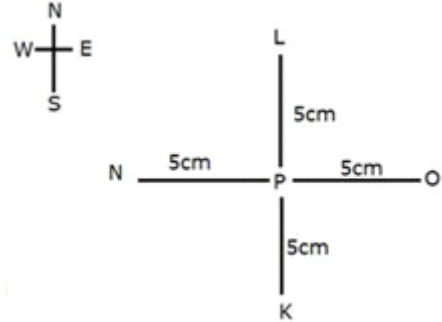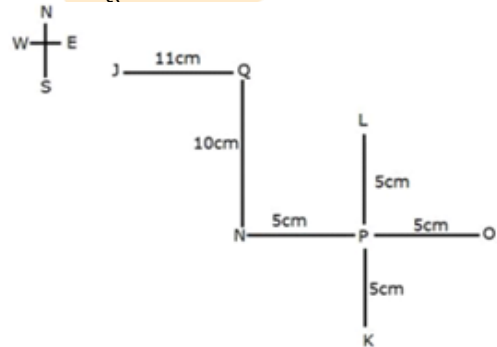
13. **Answer: (B)**

श्री रॉय कागज पर निश्चित संख्या में अंक अंकित करते हैं।

बिंदु N, बिंदु P के 5 सेमी पश्चिम में है। बिंदु L, बिंदु P के 5 सेमी उत्तर में है।

बिंदु P, रेखा KL और रेखा NO का मध्य बिंदु है।

बिंदु N, बिंदु Q के 10 सेमी दक्षिण में है, जो बिंदु J के 11 सेमी पूर्व में है।

बिंदु K, बिंदु N के दक्षिण-पूर्व की ओर है।

14. **Answer: (B)**

T, प्रबंधक से कनिष्ठ है। R, T से ठीक वरिष्ठ है।

स्थिति 1:

पद	व्यक्ति
चेयरमैंन	
CEO	
MD	
BM	

मेनेजर	R
PO	T
क्लर्क	

Case 2:

पद	व्यक्ति
चेयरमैंन	
CEO	
MD	
BM	
मेनेजर	
PO	R
क्लर्क	T

U, जो CEO है, W से वरिष्ठ है। W को न तो MD और न ही BM के पद पर तैनात किया गया है।

स्थिति 1:

पद	व्यक्ति
चेयरमैंन	
CEO	U
MD	
BM	
मेनेजर	R
PO	T
क्लर्क	W

स्थिति 2:

पद	व्यक्ति
चेयरमैंन	
CEO	U
MD	
BM	
मेनेजर	W
PO	R
क्लर्क	T

S, W से ठीक वरिष्ठ है। P, Q से कनिष्ठ है। इसलिए स्थिति 1 अमान्य है.

स्थिति 2:

पद	व्यक्ति
चेयरमैंन	Q
CEO	U
MD	P
BM	S
मेनेजर	W
PO	R
क्लर्क	T

2 व्यक्ति P से वरिष्ठ हैं।

15. **Answer: (B)**

S का पदनाम BM (शाखा प्रबंधक) है

16. **Answer: (D)**

कथन (d) सत्य है।

17. **Answer: (B)**

2 व्यक्ति W से कनिष्ठ हैं।

18. **Answer: (C)**

S से वरिष्ठ व्यक्तियों की संख्या BM से कनिष्ठ व्यक्तियों की संख्या के समान है।

19. **Answer: (D)**

टी-स्ट्रैप्स और बूट्स के बीच में दो रैक हैं। जूते टी-स्ट्रैप्स के नीचे रखे गए हैं।

	स्थिति 1	स्थिति 2	स्थिति 3
7			
6	टी-स्ट्रैप्स		
5		टी-स्ट्रैप्स	
4			टी-स्ट्रैप्स
3	बूट्स		
2		बूट्स	
1			बूट्स

खच्चरों के ठीक नीचे फ्लिप-फ्लॉप रखे जाते हैं। म्यूल्स लोफर्स से ऊपर नहीं हैं। बेली को लोफर्स के ऊपर रखा जाता है लेकिन तुरंत नहीं।

	स्थिति 1	स्थिति 2	स्थिति 3
7	बेली	बेली	बेली
6	टी-स्ट्रैप्स	लोफर्स	
5	लोफर्स /	टी-स्ट्रैप्स	लोफर्स
4	/ लोफर्स	म्यूल्स	टी-स्ट्रैप्स
3	बूट्स	फ्लिप-फ्लॉप	म्यूल्स
2	म्यूल्स	बूट्स	फ्लिप-फ्लॉप
1	फ्लिप-फ्लॉप		बूट्स

इसलिए, स्थिति 2 मान्य नहीं है।
स्टिलेटोज़ को बूट्स या टी-स्ट्रैप के ठीक बगल में नहीं रखा जाता है। इसलिए, स्थिति 1 अमान्य है। अंतिम स्टैकिंग है:

7	बेली
6	स्टिलेटोज़
5	लोफर्स
4	टी-स्ट्रैप्स
3	म्यूल्स
2	फ्लिप-फ्लॉप
1	बूट्स

रैक नंबर 5 पर लोफर्स रखे गए हैं।

20.   **Answer: (B)**
बूट्स सबसे निचले रैक पर रखे गए हैं।

21.   **Answer: (A)**
बेलीज़ को स्टिलेटोस के ऊपर रखा जाता है।

22.   **Answer: (D)**
पहला प्रकार दूसरे प्रकार के ऊपर है और बीच में एक रैक है। तो, स्टिलेटोस, म्यूल्स बेजोड़ जोड़ी है।

23.   **Answer: (D)**
C, A के निकटतम दाएं बैठा है। इसलिए, 'd' सही विकल्प है।

24.   **Answer: (D)**
दिए गए कथनों को संयोजित करने पर, हमें प्राप्त होता है
S ≤ T < U = V < Y ≤ X = W
उपरोक्त कथन से,
निष्कर्ष I, X > S, अनुसरण करता है।
निष्कर्ष II, V <W, अनुसरण करता है। इसलिए, विकल्प d।

25.   **Answer: (B)**
89 किलोग्राम वजन के साथ U दूसरा सबसे भारी था। कम से कम तीन व्यक्ति Q से हल्के हैं जो सबसे भारी नहीं था।
स्थिति 1:

—⟩ —ᵁ⟩ —⟩ —ᵠ⟩ —⟩ —⟩ —
      89

स्थिति 2:
—⟩ —ᵁ⟩ —ᵠ⟩ —⟩ —⟩ —⟩ —
      89

T, S से तुरंत भारी है। V जिसका वजन 52 किलोग्राम है, वह T से भारी है लेकिन P से हल्का है। U, P से भारी है।
स्थिति 1:
⟩ᵁ⟩ᴾ⟩ᵠ⟩ⱽ⟩ᵀ⟩ˢ
89   52

स्थिति 2:
⟩ᵁ⟩ᵠ⟩ᴾ⟩ⱽ⟩ᵀ⟩ˢ
89   52

P, Q से भारी है लेकिन R से हल्का है। इसलिए स्थिति 2 अमान्य है।
स्थिति 1:
ᴿ⟩ᵁ⟩ᴾ⟩ᵠ⟩ⱽ⟩ᵀ⟩ˢ
   89   52

इसलिए यह अंतिम व्यवस्था है.
Q का संभावित वजन 85 किग्रा हो सकता है।

26.   **Answer: (A)**
6 व्यक्तियों का वजन R से कम है।

27.   **Answer: (C)**
T का वजन Q से कम है।

28.   **Answer: (C)**
S ≥ T = U ≥ V; X > W ≥ T = U ≥ V
निष्कर्ष I में, S और X के बीच संबंध स्थापित नहीं किया जा सकता है
निष्कर्ष II में, X > U, सत्य है
केवल निष्कर्ष II सत्य है।

29.   **Answer: (C)**
दिए गए कथनों से हमारे पास है: Y < R = X = I ≤ N > S
Y < R = X = I ≤ N
इससे हमारे पास, N > Y सत्य है।
R = X = I ≤ N
इससे हमारे पास, R ≤ N सत्य है।

30.   **Answer: (B)**

P	L	E	A	S	U	R	E

ऐसे दो जोड़े हैं:
P-U
A-E

31.   **Answer: (E)**
यह दिया गया है कि,
आठ लोग A, B, C, D, E, F, G और H हैं।
तारीखें 1, 2, 3 और 4 हैं।
जून और जुलाई के महीने हैं.
D का जन्म E के ठीक बाद हुआ था और दोनों का जन्म अलग-अलग महीनों में हुआ था।
E के बाद जन्म लेने वाले व्यक्तियों की संख्या B के बाद जन्म लेने वाले व्यक्तियों की संख्या के दोगुने से अधिक नहीं है।
इसलिए, E के बाद पैदा हुए लोगों की संख्या B के बाद पैदा हुए लोगों की संख्या के बराबर या दोगुनी से कम है।
B से पहले कम से कम दो व्यक्तियों का जन्म हुआ था।

हम जानते हैं, E के बाद चार लोगों का जन्म हुआ। इसलिए, B का जन्म या तो 3 जून को या 2 जुलाई को हुआ।

हम पाते हैं,

स्थिति 1	1	2	3	4
जून (30)			B	E
जुलाई (31)	D			
स्थिति 2	1	2	3	4
जून (30)				E
जुलाई (31)	D	B		

B और C का जन्म एक ही तारीख को लेकिन अलग-अलग महीनों में हुआ था।

C और F के बीच केवल चार लोगों का जन्म हुआ।

हम पाते हैं,

स्थिति 1	1	2	3	4
जून (30)		F	B	E
जुलाई (31)	D		C	
स्थिति 2	1	2	3	4
जून (30)		C		E
जुलाई (31)	D	B	F	

G, A से बड़ा है और दोनों का जन्म एक ही महीने में हुआ था।

कम से कम एक व्यक्ति H से बड़ा है।

यहाँ, स्थिति 1 अमान्य है।

अंतिम व्यवस्था है,

	1	2	3	4
जून (30)	G	C	A	E
जुलाई (31)	D	B	F	H

यहाँ, G का जन्म जुलाई में नहीं हुआ था।

32. **Answer: (A)**
यहाँ, B और H, A से बड़े नहीं हैं।

33. **Answer: (B)**
यहां, B का जन्म 2 जुलाई को हुआ था।

34. **Answer: (C)**
यहां, F का जन्म 3 जुलाई को और A का जन्म 3 जून को हुआ था। इसलिए, F का जन्म A के जन्म के 30वें दिन हुआ था।

35. **Answer: (E)**
ऐसे 3 जोड़े हैं.
A E **R** O **P** L A N E
A E R O **P** L A N E
A E R O P **L A N** E

Quantitative Aptitude

36. **Answer: (C)**
अप्रैल में मोहन द्वारा बेची गई वस्तुओं की संख्या = 360
फरवरी में मदन द्वारा बेची गई वस्तुओं की संख्या = 480
आवश्यक प्रतिशत = 360/480 × 100
= 75%

37. **Answer: (A)**
जनवरी में मोहन द्वारा बेची गई वस्तुओं की संख्या = 450
मार्च में मदन द्वारा बेची गई वस्तुओं की संख्या = 400
आवश्यक अनुपात = 450:400 = 9:8

38. **Answer: (D)**
जनवरी में मदन द्वारा बेची गई वस्तुओं की संख्या = 540

मई में मोहन द्वारा बेची गई वस्तुओं की संख्या = 480
आवश्यक अंतर = 540 - 480 = 60

39. **Answer: (A)**
जनवरी में मदन द्वारा बेची गई वस्तुओं की संख्या = 540
फरवरी में मदन द्वारा बेची गई वस्तुओं की संख्या = 480
मार्च में मदन द्वारा बेची गई वस्तुओं की संख्या = 400
अप्रैल में मदन द्वारा बेची गई वस्तुओं की संख्या = 420
मई में मदन द्वारा बेची गई वस्तुओं की संख्या = 500
आवश्यक योग = 540 + 480 + 400 + 420 + 500
= 2340

40. **Answer: (B)**
मार्च में मोहन द्वारा बेची गई वस्तुओं की संख्या = 560
फरवरी में मोहन द्वारा बेची गई वस्तुओं की संख्या = 320
आवश्यक प्रतिशत = (560 - 320)/320 × 100
= 240/320 × 100
= 75%

41. **Answer: (D)**
माना A की वर्तमान आयु = 13y वर्ष
और B की वर्तमान आयु = 19y वर्ष
दिया गया,
19y - 13y = 12
y = 2
तो, A की वर्तमान आयु = 26 वर्ष
और B की वर्तमान आयु = 38 वर्ष
A और B की औसत आयु = 64/2 = 32 वर्ष
तो, 4 वर्ष के बाद C की आयु = 32 + 4 = 36 वर्ष.

42. **Answer: (A)**
125% of 40 − 40% of 65 =? ÷ 7
$125/100 × 40 − 40/100 × 65 =? × 1/7$
24 * 7 =?
? = 168

43. **Answer: (D)**
$(0.5^1)^{118} ÷ (0.5^2)^{56} = (0.5^1)^?$
$(0.5)^{(1×119−2×56)} = (0.5^1)^?$
So, ? = $(1 × 119 − 2 × 56)/1 = 7$

44. **Answer: (D)**
$280 × ?^2 = 14\%$ of 720
⇒ $280 × ?^2 = 14/100 × 720$
⇒ $280 × ?^2 = 504/5$
⇒ $?^2 = 504/5 × 1/280$
⇒ ? = $\sqrt{(9/25)}$
⇒ ? = 3/5

45. **Answer: (E)**
$(0.6^2)^{102} ÷ (0.6^3)^{60} = (0.6^2)^?$
$(0.6)^{(2×102 - 3×60)} = (0.6^2)^?$
अतः, ? = $(2×102 - 3×60)/2 = 12$

46. **Answer: (D)**
$\sqrt{3025} ÷ 5 − 125 =? × (−6)$
$55 ÷ 5 − 125 = ? × (−6)$
$11 − 125 = ? × (−6)$
अतः ? = 19

47. **Answer: (C)**
? = $120 × (8/6) − \sqrt{784}$
= 20 × 8 − 28
= 160 − 28 = 132

48. **Answer: (A)**

? = (35 × 340/100) - (30 × 730/100)

= (11900/100) - (21900/100)

= 119 - 219 = -100

49.   **Answer**: **(D)**

? = 126 × (25/6) − 256

= 21 × 25 − 16

= 525 − 16 = 509

50.   **Answer**: **(B)**

? = (180/3) + 15 × 12 - (140/2) + 13

= 60 + 180 - 70 + 13

= 183

51.   **Answer**: **(E)**

? - 117 = 238 - 108 + 86

? = 238 - 108 + 86 + 117 = 333

52.   **Answer**: **(C)**

अंग्रेजी में 10 छात्रों के अंकों का औसत = 75

अंग्रेजी में अंकों का योग = 75 × 10 = 750

प्रारंभ में 2 छात्रों के अंक = 42 + 65 = 107

सुधार के बाद 2 छात्रों के अंक = 55 + 60 = 115

सुधार के बाद सभी छात्रों के अंकों का योग = 750 + (115 - 107) = 750 + 8 = 758

वास्तविक औसत = 758/10 = 75.8

53.   **Answer**: **(E)**

तार की लंबाई = वर्ग की परिधि + वृत्त की परिधि + आयत की परिधि

760 = 4 × 75 + 2 × 22/7 × 28 + 2 × (90 + चौड़ाई)

284 = 2 × (90 + breadth)

Breadth = 52 m

54.   **Answer**: **(B)**

धारा की गति = 5 किमी/घंटा

माना कि नाव A और B की धारा के प्रतिकूल गति क्रमशः 3a किमी/घंटा और 5a किमी/घंटा है। तब,

नाव A की धारा के अनुकूल गति = 3a + 2 × 5 = 3a + 10

नाव B की धारा के अनुकूल गति = 5a + 2 × 5 = 5a + 10

अब, (5a + 10) - (3a + 10) = 8

2a = 8

a = 4

इसलिए, शांत पानी में नाव A की गति = 3a + 5 = 3 × 4 + 5 = **17** किमी/घंटा

55.   **Answer**: **(D)**

(1/A) + (1/B) = 1/20..(i)

(1/B) + (1/C) = 1/30..(ii)

और, (1/A) + (1/C) = 1/15..(iii)

(i) और (ii) से, हम पाते हैं

(1/A) - (1/C) = 1/20 - 1/30

(1/A) = (1/C) + 1/60

अब, (iii) से, हमारे पास है

(1/C) + 1/60 + (1/C) = 1/15

C = 40 मिनट

56.   **Answer**: **(B)**

माना 7a और 12a क्रमशः A और B का निवेश है।

लाभ अनुपात, a: b = 3:4

और, लाभ अनुपात, A: B = 7a × A के निवेश की अवधि: 12a × B के निवेश की अवधि

3: 4 = 7a × A के निवेश की अवधि: 12a × B के निवेश की अवधि

A के निवेश की अवधि: B के निवेश की अवधि = 9: 7

57.   **Answer: (B)**

दी गई श्रृंखला के लिए तर्क:

24 - 2 = 22

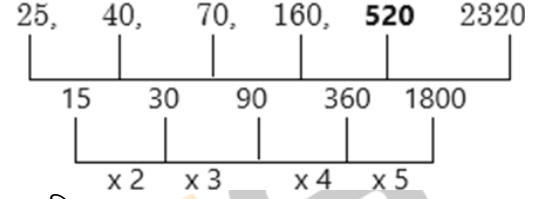22 + 3 = 25

25 - 5 = 20

20 + 7 = 27

27 - 11 = **16**

16 + 13 = 29

इसलिए, लुप्त पद = 16

58.   **Answer: (C)**

दी गई श्रृंखला के लिए तर्क:

इसलिए, गलत पद = 480

59.   **Answer: (A)**

दी गई श्रृंखला के लिए तर्क:

70560 ÷ 7 = 10080

10080 ÷ 6 = 1680

1680 ÷ 5 = 336

336 ÷ 4 = 84

84 ÷ 3 = 28

60.   **Answer: (C)**

समीकरण I से,

$x^2 − 8x + 15 = 0$

$x^2 − 3x − 5x + 15 = 0$

$x(x − 3) − 5(x − 3) = 0$

$(x − 3)(x − 5) = 0$

$x = 3$ or 5

समीकरण I से,

$y^2 + 17y + 70 = 0$

$y^2 + 10y + 7y + 70 = 0$

$y(y + 10) + 7(y + 10) = 0$

$(y + 7)(y + 10) = 0$

$y = −7$ or $− 10$

अतः, x > y.

61.   **Answer**: **(D)**

समीकरण I से,

(x-7) (x-12) = 0

x = 7,12

समीकरण II से,

(y-12)(y-13) = 0

y = 12, 13

अतः, x ≤ y

62.   **Answer**: **(A)**

? 12 − 4 ÷ 2

? = 12 − 2 = 10

? = 100

63.   **Answer**: **(C)**

(? ÷ 10) ÷ (154 ÷ 11) = 4

(? ÷ 10) ÷ 14 = 4

? = 4 × 14 × 10 = 560

64.   **Answer**: **(D)**

728.99 + 167.01 − 839.001 + 371.994
= 729 + 167 − 839 + 372 = 429

65. Answer: (D)
विक्रय मूल्य = 40 रुपये,
हानि = 20%
इसलिए, लागत मूल्य = 40 × 100/(100-20) = ₹50
इसलिए, प्रत्येक नींबू का लागत मूल्य = 50/45 रुपये
अब, विक्रय मूल्य = 24 रुपये
लाभ = 20%
लागत मूल्य = 24 × 100/120 = ₹20
20 रुपये में नींबू की संख्या = 20/(50/45) = 900/50
= 18

66. Answer: (E)
कंपनी A में पुरुष और महिला कर्मचारियों की संख्या क्रमशः 5: 4 के अनुपात में है और उनका अंतर 90 है। फिर,
कंपनी A में पुरुष कर्मचारियों की संख्या = 90 × 5/(5 - 4) = 450
कंपनी A में महिला कर्मचारियों की संख्या = 450 - 90 = 360
कंपनी A में कुल कर्मचारी = 450 + 360 = 810
तीन कंपनियों A, B और C में कर्मचारियों की संख्या मिलाकर 2000 है। कंपनी B में कर्मचारियों की संख्या कंपनी C में कर्मचारियों की संख्या का 70% है। फिर,
कंपनी B और C में कुल कर्मचारी = 2000 - 810 = 1190
कंपनी B में कुल कर्मचारी = कंपनी C में कुल कर्मचारियों का 70%
फिर, (कंपनी B में कुल कर्मचारी): (कंपनी C में कुल कर्मचारी) = 7:10
कंपनी B में कुल कर्मचारी = 1190 × 7/17 = 490
कंपनी C में कुल कर्मचारी = 1190 - 490 = 700
कंपनी C में पुरुष कर्मचारियों की संख्या महिला कर्मचारियों की तुलना में 20 कम है। तब,
कंपनी C में पुरुष कर्मचारियों की संख्या
= (700 - 20)/2 = 340
कंपनी C में महिला कर्मचारियों की संख्या
= 340 + 20 = 360
कंपनी B में 144 महिला कर्मचारी हैं।
कंपनी B में पुरुष कर्मचारियों की संख्या
= 490 - 144 = 346
सारणीबद्ध रूप में:

कंपनी	कुल कर्मचारी	पुरुष	महिला
A	810	450	360
B	490	346	144
C	700	340	360

कंपनी A में पुरुष कर्मचारी = 450
और, कंपनी B में कुल कर्मचारी = 490
अतः प्रतिशत = (450/490) × 100 = **92% (लगभग)**

67. Answer: (A)
कंपनी B में पुरुष कर्मचारियों की संख्या = 346
कंपनी C में कुल कर्मचारी = 700
इसलिए, अंतर = 700 - 346 = **354**

68. Answer: (B)
कंपनी C में:
सुबह की पाली में काम करने वाले पुरुष कर्मचारियों की संख्या = 340 का 60% = 204

सुबह की पाली में काम करने वाली महिला कर्मचारियों की संख्या = 360 का 40% = 144
इसलिए, सुबह की पाली में काम करने वाले कुल कर्मचारी = 204 + 144 = **348**

69. Answer: (D)
यहाँ, कंपनी A में महिला कर्मचारियों की संख्या = 360
और, कंपनी B में महिला कर्मचारियों की संख्या = 144
इसलिए, अनुपात = 360: 144 = **5: 2**

70. Answer: (C)
कुल महिला कर्मचारी = 450 + 346 + 340 = **1136**

English Language

71. Answer: (B)
The construct 'moral real grows' at C is grammatically incorrect i.e. 'real' is incorrect at C and needs to be replaced with a noun [which can be qualified by the adjective 'moral']. Also, 'real' doesn't fit at B [the usage 'imagined real' doesn't make sense]; that means 'real' fits only at A. Now 'versions' (a particular form of something differing in certain respects from an earlier form or other forms of the same type of thing) is a noun that suits better at B (as against 'imagined standing') and 'standing' (footing; position; foundation) fits better at C (as against 'moral versions') conveying a meaning - 'as real artificial intelligence moves towards the forms portrayed by Hollywood films, importance of moral foundation increases'.
Correct sentence after rearrangement - 'As real artificial intelligence technology advances toward Hollywood's imagined versions, the question of moral standing grows more important.'
Answer is option (b).

72. Answer: (B)
B is correct at its place (the adverb 'illegally' qualifies the verb 'posted'). But A needs to be interchanged with C. It is inappropriate to say, 'to allow their situation'. In this case, 'to explain their situation' is apt. Similarly, 'allow swift actions' is also meaningful. Hence, option (b) is the correct answer.
The correct sentence - This should allow the victim to **explain** their situation and the risks the **illegally** posted content creates for them, and **prompt** swift action from the company.

73. Answer: (D)
The error is in part E. The present participle 'surprising' is used for describing an event that was/is still continuing, but the event in the sentence 'thunder storm' has already occurred in the past [evidenced by emboldened 'yesterday']. And so, **'surprising'** should be changed to **'surprised'**.
Hence, the correct answer is option d).

74. Answer: (C)
The error is in part 'D'. The person in the sentence wishes to talk about a point of time when they would feel calm listening to a song, therefore **'wherever'** [used to talk about a place], must be replaced by **'whenever'** [used to talk about a point of time].
Hence, the correct answer is option c).

75. Answer: (A)
The word (C) is wrongly spelt.
The correct spelling is 'managers', which means 'a person responsible for controlling or administering an organization or group of staff'.
The correct sentence is: The new salary scale only refers to company **managers** and directors.
Hence, option (a) is the answer.

76. **Answer: (C)**
'Assasination' is not a correct word in the English language and the correct spelling of the word is 'assassination' which means 'an act of killing'.
Hence, the correct answer is option (c).

77. **Answer: (B)**
'Have' is a helping verb which is followed by the past participle, so 'blurred' is the only correct verb that can replace 'working' at (B). 'Around' is the preposition which means to surround it or be on all sides of it so it should be used before home to describe the boundaries that surrounds the home; therefore, it will replace the word 'blurred' at (A). And the 'feeling of working' represent the feeling being occupied all the time so it is also correct contextually.
Therefore, the right order is CAB.
Hence, option (b) is correct.

78. **Answer: (A)**
All the three words are nouns and hence grammatically correct. Meaning of the words is given below -
Scheme - an official plan or system for doing or organizing something
Direction - a purpose; an aim
Relief - the removal or reduction of pain, worry, etc.
The sentence is trying to say that the government came up with *a plan* following Supreme Court's *purpose* of *removing pain* of small borrowers.
Thus, the correct order of words is 'direction' then 'scheme' and then 'relief'.
Hence, (a) is correct.

79. **Answer: (C)**
For the first space only word A i.e. 'combined' can be used as the position is to be filled by a verb (to denote the action performed by the subject 'the study' in the given case) and only A is a verb among the three. The other two words highlighted here are adjectives. Hence, both are grammatically correct. There are two nouns/noun phrases i.e. 'set' and 'understanding'.
Word B i.e. 'robust' means 'strong and healthy'.
Word C i.e. 'incidental' means 'happening as part of something more important'.
Since the study is successful the understanding has to be strong and not a part of something more important. Hence 'robust' will be used before 'understanding'.
Hence, (c) is correct.

80. **Answer: (D)**
The statement talks about polling in local elections.
The first blank is a verb that takes the preposition 'up' after it. Only options 2 and 3 fulfil this requirement. 'Coughed up' is a slang which means to pay or hand over something. Therefore, this is not appropriate in this context (as people are not paying up to cast their vote). Thus, only 2 is correct.
The second blank is a verb (in base form) and takes the preposition 'with' after it. Only options 4 and 5 fulfil these requirements. But 'there was interact with the people' is not grammatically correct (the noun 'interaction' should be used in place of 'interact'). Therefore, 5 is the correct option.
Thus, (d) is the correct answer.

81. **Answer: (D)**
The statement talks about a hailstorm in one of Australia's cities.
The first blank is an adjective that describes the noun 'city'. Only options 1 and 2 fulfil this requirement.

He second blank is a verb (in past tense) that describes the action of hailstorm over cars. Only 4 and 5 fulfil this requirement. Therefore, any of 1 and 2 can fit in the first blank and either 4 or 5 can fit in the second blank.
Thus, (d) is the correct answer.

82. **Answer: (B)**
In B, replace the adverb HARMLESSLY with the adjective HARMLESS as it is being used to modify the noun ENERGY DRINK. Thus, (b) is the right answer.

83. **Answer: (A)**
In A, replace the plural verb BRING with the singular verb BRINGS as the subject POLITICS is uncountable and will assume a singular form. Thus, (a) is the right answer.

84. **Answer: (B)**
'Productievity' is not a correct word in English. The correct spelling is 'productivity' (the ability to do as much work as possible in a particular period).
Hence, option (b) is the correct answer.

85. **Answer: (B)**
In the phrase given in bold, the noun 'arrogance' is used as a qualifier to qualify the noun 'attitude' instead of an adjective, so the phrase is incorrect. In option (a), the adverb 'arrogantly' is used, and in options (d) and (e), the same errors have been repeated and thus they are negated. Option (b), 'arrogant attitude' is the only option in which the adjective 'arrogant' is used as a qualifier to qualify the noun 'attitude' and thus can replace the incorrect phrase.
Hence, the correct answer is option (b).

86. **Answer: (D)**
Part D has an error. The phrase 'free of charge' means without any payment being required. The use of the word 'from' is incorrect and should be replaced by 'of'. Hence, (d) is the correct answer.
The correct sentence would be - The people outside the cinema hall were giving the tickets away free **of** charge.

87. **Answer: (C)**
The sentence with the blank gives the definition of IQ. The verbs 'known' and 'considered' don't fit in the sentence properly. 'Known' is generally followed by the preposition 'as', which is not the case here. The verb should be singular as the subject 'term' is singular in nature. Options (d) and (e) are eliminated as they are plural verbs. The verb 'describes' is a singular noun, and it fits correctly in the sentence.
Hence, option (c) is the correct answer.

88. **Answer: (E)**
The use of 'and' that follows the blank indicates that the blank should be replaced with 'between'. If something is between two amounts, it is greater than the first amount but smaller than the second. So, the sentence with the blank discusses a score greater than 90 and smaller than 110.
Hence, option (e) is the correct answer.
To - in the direction of; as far as
Off - down or away from a place or a position on something
Of - belonging to, connected with, or part of something/somebody
From - showing the place, direction or time that somebody/something starts or started

89. **Answer: (D)**
Hence, option (d) is the correct answer.

90. **Answer: (D)**
option (d) is the correct choice.
Other options render the sentence meaningless.

91. **Answer: (B)**

Hence, option (b) is the correct answer.

92. **Answer: (E)**
talks about the ability to memorise information.
Hence, option (e) is the correct answer.

93. **Answer: (D)**
'Persecution' means unfair or cruel treatment over a long period of time because of race, religion, or political beliefs. 'Banality' means dull/boring. 'Cynosure' means centre of attraction. 'Oppression' means mental pressure or distress. 'Promiscuous' means irresponsible. 'Affable' means friendly.
So, 'oppression' is the right synonym.
Hence, option (d) is correct.

94. **Answer: (A)**
It is mentioned that 'a migrant is someone who chooses to move, and a refugee is someone who has been forced from their home', so clearly the same as option 'a' can be interpreted.
Hence, option (a) is correct.

95. **Answer: (D)**
A - Incorrect. As it is mentioned that 'large numbers of people fleeing countries in Africa and the Middle East for better and safer prospects in Europe.' So, the use of Australia is incorrect.
B - Correct. It is mentioned that 'many people migrate because their homes have become dangerous or difficult to live in. They might be fleeing from unrest, famine, drought, or economic collapse.' So, it is correct.
C - Incorrect. We cannot comment on veracity of anything that is not provided in the passage.
So, both A and C are false.

Hence, option (d) is correct.

96. **Answer: (A)**
United Nations High Commissioner for Refugees

97. **Answer: (E)**
All the options except option (e) shows the situations which are not in any person's control. To prosper more is a person's will and for that a pre planning is involved from the very first step of thinking about the same.
Hence, option (e) is correct.

98. **Answer: (D)**
It is mentioned in the passage that 'Turning refugees away could mean sentencing them to death' and 'd' reflects the same.
Hence, option (d) is correct.

99. **Answer: (B)**
'Surplus' means in excess amount. 'Ghastly' means terrible. 'Ill fitted' means uncomfortable.
'Surfeit' means an excessive amount of something. 'Dearth' means very small in amount.
So, 'dearth' is the right antonym.
Hence, option (b) is correct.

100. **Answer: (C)**
'Excess' means an amount of something that is more than necessary, permitted, or desirable, and 'access' means the right or opportunity to approach or enter a place. Here, the use of 'excess' is contextually incorrect as 'right/opportunity' is required to live in a new country. Rest of the words are correct.
Hence, option (c) is correct.