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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 question given below, three statements are given and followed by some conclusions given in options. You have to take the given statements to be true even if they seem to be at variance from the commonly known facts. Read the conclusions and decide which of the given conclusions logically follows from the given statements disregarding the commonly known facts.

Statements: Only a few Duo is Meet.

No zoom is Meet.

No Imo is Duo.

- (A) No Imo is Meet. (B) Some Zoom is Duo.
(C) All Imo is Zoom. (D) Some Meet is Imo.
(E) None of these

2. In the following question, two statements are given and three 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: No fig is a plum.

Very few lime are plums.

Conclusions: I. Some lime are definitely not fig.

II. All plums are lime.

III. Some fig being lime is a possibility.

- (A) Only I and III follow
(B) Either I or III and II follows
(C) Only II follows
(D) Only III and II follow
(E) Only III follow

3. In the question given below, four statements are given followed by two conclusions. 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 the commonly known facts.

Statements: Some good is bad

A Little bad is worst

All evil is worst

All good is best

Conclusions: I. Some evil is good

II. Few best is bad

- (A) Either I or II follows
(B) Only I follows
(C) Neither I nor II follows
(D) Both I and II follow
(E) Only II follows

Directions [04-07]: Seven persons Param, Pakhi, Pinok, Priya, Puni, Puran and Prem live in a seven-storeyed building but not necessarily in the same order. The bottommost floor is number 1 above that number 2 and so on. Only one person lives on each floor.

Puran lives immediately above Pakhi and immediately below Prem. Four persons live between Pakhi and Priya, who lives above Pakhi. Puni lives on an odd-numbered floor. Param lives immediately below Puni.

4. Who among the following lives on the topmost floor?
(A) Priya (B) Pakhi
(C) Puran (D) Pinok
(E) Prem

5. How many persons live above Param?
(A) 1 (B) 2
(C) 3 (D) More than 3
(E) None

6. Four of the following persons are related to each other in some way and thus form a group, who among the following does not belong to that group?
(A) Puran (B) Pakhi
(C) Pinok (D) Prem
(E) Puni

7. Puni lives immediately below _____, who lives on _____ floor.
(A) Pinok, 5th (B) Pakhi, 2nd
(C) Prem, 4th (D) Puran, 3rd
(E) Priya, 6th

Directions [08-10]: Seven boxes B1, B2, B3, B4, B5, B6 and B7 are kept one above the other. The bottommost position is number 1 above that number 2 and so on. Box B5 is kept immediately below box B1. Three boxes are kept between box B2 and B5, which is kept above box B2. Box B3 is kept immediately below box B7 and immediately above box B6. Box B7 is not kept at an odd number position.

8. Which of the following box is kept at the topmost position?
(A) Box B2 (B) Box B4
(C) Box B6 (D) Box B1
(E) Box B5

9. How many boxes are kept between box B1 and box B6?
(A) 1 (B) 2
(C) 3 (D) More than 3
(E) None

10. The number of boxes kept below box B3 is the same as the number of boxes kept above box _____.
(A) B1 (B) B4
(C) B2 (D) B6
(E) B5

11. If a meaningful word can be formed using the 1st, 2nd, 4th and 7th letters of the word "TERMINAL" from the left end only once, and then what is the fourth letter from the left end of the word formed? If no such word can be formed, then mark U as your answer while if more than one such word can be formed, then mark V as your answer.
(A) U (B) V
(C) E (D) T
(E) M

Directions [12-16]: Five people A, B, C, D and E travelled to a city on different days of the same week starting on a Monday. They travelled with different airlines among Delta, Emirates, Qantas, Trujet and Vistara not necessarily in similar manner. B travelled with neither Emirates nor Delta. A travelled immediately before D who travelled with Trujet. More than one person travelled between the ones who travelled with Emirates and Vistara. The one who travelled with Qantas travelled immediately before E. Only two people travelled between C and the one who travelled with Trujet. The number of people travelled before and after E is the same.

12. Who among the following travelled after Tuesday ?
 I. C
 II. A
 III. B
 (A) Only I (B) Only II
 (C) Both I and II (D) Both II and III
 (E) Both I and III

13. D travelled on a _____ with _____.
 (A) Friday, Trujet (B) Wednesday, Vistara
 (C) Monday, Qantas (D) Wednesday, Trujet
 (E) Tuesday, Delta

14. Who among the following travelled with Delta ?
 (A) B (B) C
 (C) D (D) E
 (E) A

15. Who travelled immediately after the one who travelled with Emirates ?
 (A) C (B) A
 (C) E (D) B
 (E) D

16. C travelled with _____.
 (A) Emirates (B) Qantas
 (C) Trujet (D) Delta
 (E) Vistara

Directions [17-21]: Seven persons whose names are in consecutive English alphabetical order (not necessarily A onwards) are seated in a row facing the North. They are sitting in consecutive English alphabetical order from the left end. Each person likes a different colour viz. golden, blue, purple, orange, red, green and yellow not necessarily in the same order.

- The one who likes Blue is seated 3rd to the left of the one who liked yellow
- The person who likes golden is 2nd to the left of Q
- The one who likes golden is not neighbouring the one who likes blue
- The one who likes Purple is to the immediate left of the one who likes Green
- The person who likes red is exactly in the middle of the row.

17. Who among the following is not a part of the arrangement?
 (A) N (B) K
 (C) M (D) R
 (E) L

18. Who among the following likes green?
 (A) Q (B) R
 (C) N (D) P
 (E) L

19. How many persons were seated to the left of the one who liked purple?
 (A) None (B) One
 (C) Two (D) Three
 (E) More than three

20. Who among the following liked Blue?
 (A) M (B) P
 (C) S (D) O
 (E) N

21. Which colour was liked by the person seated 2nd from the right end?

- (A) Green (B) Purple
 (C) Yellow (D) Orange
 (E) Cannot be determined

22. Which inequality sign is represented as % and * in the statement $J \geq K > L \% M; N < O * M$ where $J > O$ and $N < K$ hold true?

- (A) \geq, \geq (B) $\leq, =$
 (C) $<, <$ (D) $=, \leq$
 (E) $=, \geq$

23. In the following question, assuming the given statements to be true, find which of the conclusion (s) among given three conclusions is /are definitely true and then give your answer accordingly.

Statements: $A > C \geq G < L; C < K \leq F > M$

Conclusions: I. $A < F$ II. $L > M$

III. $K > G$

- (A) Only I is true
 (B) Only II is true
 (C) Only III is true
 (D) Both II and III are true
 (E) None is true

Directions [24-25]: In the family of 10 persons A, B, C, D, E, F, G, H, I and J, it is known that youngest and eldest persons of the family are unmarried. Eldest person is not female.

H is the son of B, who is married to D. D is the daughter-in-law of A, who is the father of E. A is the married person. C is the brother of A and is brother-in-law of J. E is the mother-in-law of F, who is the son of G. G is the mother-in-law of I.

24. Who is the youngest member of the family?
 (A) I (B) F
 (C) H (D) E
 (E) D

25. How eldest member of the family is related to E?
 (A) Aunt (B) Uncle
 (C) Father (D) Father-in-law
 (E) Grandfather

Directions [26-30]: Six persons sit around the corners of a hexagonal table facing the centre. Each of them likes different movies viz., Golmaal, Herapheri, Dhamaal, Welcome, Ready and 3 idiots but not necessarily in the same order.

Two persons sit between Ali and Dev, who likes Ready movie. Rim sits third to the left of the person who likes Dhamaal movie. Luv sits immediate left of Omi, who sits second to the right of Ali and likes Golmaal movie. Ish does not like Welcome movie. The person who likes 3 idiots movie sits immediate right of Ish.

26. Who among the following likes Herapheri movie?
 (A) Ish (B) Omi
 (C) Luv (D) Rim
 (E) Dev

27. How many persons sit between Rim and Luv?
 (A) 1 (B) 2
 (C) 3 (D) 4
 (E) None

28. Which of the following statement is true?
 (A) Two persons sit between Ali and Omi.
 (B) Dev sits opposite to Omi.
 (C) Luv likes Dhamaal movie.
 (D) The person who likes 3 idiots movie sits immediate left of Ish.

(E) All statements are true.

29. Which of the following movie is liked by Rim?
 (A) Golmaal (B) Ready
 (C) Welcome (D) Dhamaal
 (E) 3 idiots

30. Omi sits _____ of Ali, who likes _____ movie.
 (A) Immediate right, Ready
 (B) Second to the left, Welcome
 (C) Third to the right, Herapheri
 (D) Immediate left, Golmaal
 (E) Second to the right, 3 idiots

Directions [31-33]: Six different shoes Aldo, Cooper, Puma, Reebok, Sparx and Wilson, are of different sizes. The size of each shoe is a natural number. The size of the Puma shoe is 9 which is not the biggest of all. Only three shoes are smaller than Reebok. The size of the Cooper shoe is three more than the Aldo shoe. The Sparx shoe is bigger than the Aldo shoe but smaller than Cooper shoe. The size of the Aldo shoe is 4. The number of shoes bigger than Reebok equals the number of shoes smaller than Cooper.

31. The number of shoes bigger than Aldo equals the number of shoes smaller than _____.
 (A) Reebok (B) Sparx
 (C) Puma (D) Wilson
 (E) Cooper

32. What can be the maximum sum of sizes of Puma and Reebok?
 (A) 19 (B) 16
 (C) 18 (D) 20
 (E) 17

33. Which of the following can be the possible size of the Sparx shoe?
 I. 5 II. 8 III. 6
 (A) Only I and III (B) Only III
 (C) Only I and II (D) Only I
 (E) Only II

34. Sheetal is 4th from the left side and 18th from the right side. Sheenam stands towards right side of Sheetal. If the number of students between Sheetal and Sheenam is equal to the number of students towards right side of Soumya who is 10th from the left side, find the position of Sheenam from left side?
 (A) 11 (B) 16
 (C) 17 (D) 12
 (E) 13

35. If the digits at the 4th and 7th position from the right end of the number '5643268932' are exchanged, then what is the difference between the 2nd and 4th digits from the left end of the new number?
 (A) 3 (B) 2
 (C) 1 (D) 5
 (E) 4

Quantitative Aptitude

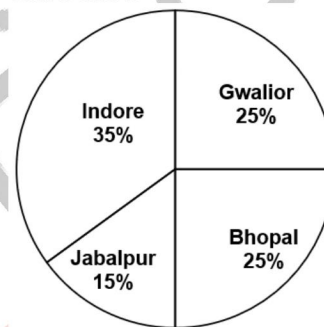
36. Find the wrong term in the series given below.
 28, 44, 36, 40, 40, 39
 (A) 44 (B) 36
 (C) 40 (D) 39
 (E) 28

37. Find the wrong term in the series given below.
 35, 40, 50, 67, 93, 120, 180
 (A) 120 (B) 50
 (C) 93 (D) 180
 (E) 67

38. Find the wrong term in the series given below.
 15, 35, 77, 143, 221, 255
 (A) 255 (B) 221
 (C) 143 (D) 35
 (E) 77

Directions [39-43]: Read the data carefully and answer the following questions.

The pie chart below represents percentage of electricity connections in 4 major cities of Madhya Pradesh. Total number of electricity connections in four given cities = 20 lakhs.
 Total number of electricity connections = Number of Domestic connections + Number of Commercial connections



City	Number of Domestic connections (in thousands)
Gwalior	350
Bhopal	300
Jabalpur	200
Indore	500

39. How many commercial electricity users are there in Gwalior and Indore?
 (A) 3.50 lakhs (B) 2.50 lakhs
 (C) 4.00 lakhs (D) 4.50 lakhs
 (E) 3.00 lakhs
40. If the number of domestic connection in another city that is Satna is 45% more than that of Bhopal, then find the number of domestic connection in Satna.
 (A) 5.45 lakhs (B) 5.5 lakhs
 (C) 3.45 lakhs (D) 4.5 lakh
 (E) 4.35 lakhs
41. If the average number of commercial connections in Bhopal, Jabalpur and City A is 145 then find the ratio of number of commercial connections in city A to the number of commercial connection in Jabalpur.
 (A) 37 : 25 (B) 27 : 20
 (C) 30 : 20 (D) 15 : 25
 (E) 25 : 40
42. Of the total electricity connections in all the four cities, the percentage of commercial connections is:
 (A) 25.50 % (B) 37.50 %
 (C) 32.50 % (D) 62.50 %
 (E) 65.00 %

43. Average of number of domestic electricity connections in Gwalior, Jabalpur and Indore is:
 (A) 4.50 lakhs (B) 4.00 lakhs
 (C) 3.00 lakhs (D) 3.50 lakhs
 (E) 2.50 lakhs

Directions [44-49]: Read the data carefully and answer the following questions:

Below table shows the number of sarees manufactured by three companies from March to July:

	The number of sarees manufactured by company A	The number of sarees manufactured by company A and B together	The number of sarees manufactured by company A and C together
March	136	298	262
April	144	212	240
May	168	338	300
June	192	348	372
July	120	280	260

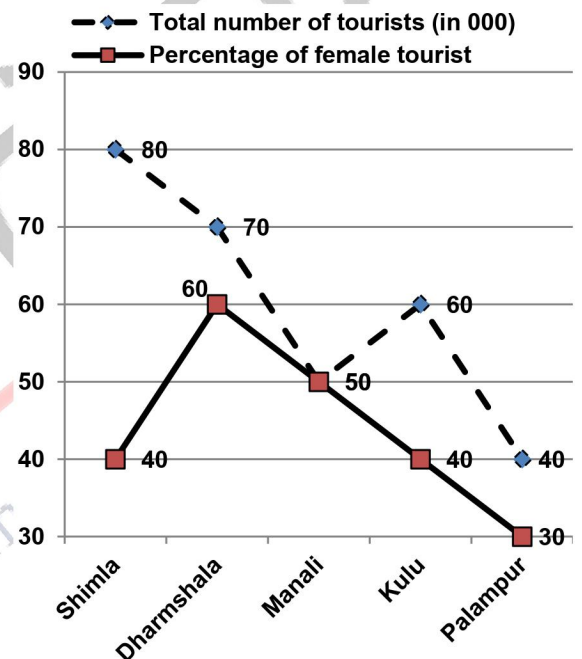
44. What is the ratio of number of sarees manufactured by company A in March to the number of sarees manufactured by company B in May?
 (A) 4: 7 (B) 2: 3
 (C) 5: 4 (D) 3: 4
 (E) 4: 5
45. The number of sarees manufactured by company C in June is what percentage more or less than the number of sarees manufactured by company B in July?
 (A) 33.33% (B) 23.4%
 (C) 12.5% (D) 105.5%
 (E) 37.5%
46. What is the average number of sarees manufactured by company B in April, and June together?
 (A) 114 (B) 118
 (C) 102 (D) 112
 (E) 108
47. What is the difference between the number of sarees manufactured by company B in March and number of sarees manufactured by company A in July?
 (A) 48 (B) 36
 (C) 28 (D) 44
 (E) 42
48. The number of sarees manufactured by company C in March is what percentage more/less than the number of sarees manufactured by company C in July?
 (A) 10% (B) 20%
 (C) 9% (D) 18%
 (E) 24%
49. If the number of sarees manufactured by company D and company E in June are 75% and 125% of the number of sarees manufactured by company A and company C in April, respectively, then what is the sum of the number of sarees manufactured by company D and company E together in June?
 (A) 224 (B) 228

- (C) 220 (D) 222
 (E) 226

50. From a bag containing 15 bands which are tagged from 1 to 15, four bands are drawn one by one with replacement. What is the probability that the largest tagged of bands drawn is 10?
 (A) 4/405 (B) 8/405
 (C) 8/205 (D) 8/425
 (E) 4/425

Directions [51-56]: Read the data carefully and answer the following questions.

The line graph given below shows the total number of tourists (in '000) who visit five different cities in Himachal during winter season. The graph also shows the percentage of female tourists who visit these five cities in Himachal during winter season.



51. The number of male tourists who visit Shimla is what percent of the total number of female tourists who visit Kullu and Palampur together?
 (A) 33(1/3)% (B) 25%
 (C) 75% (D) 133(1/3)%
 (E) 50%
52. Find the ratio of the number of female tourists who visit Manali and Shimla together to the number of male tourists who visit Dharamshala and Shimla together.
 (A) 3:4 (B) 3:5
 (C) 11:19 (D) 19: 21
 (E) 1:2
53. Average number of male tourists who visit Dharamshala, Manali and Palampur together is what percent more/less than the average number of female tourists who visit Kullu and Palampur together?
 (A) 75% more (B) 50% less
 (C) 100% more (D) 25% more
 (E) None of these
54. If the number of tourists who visit Dalhousie is 37.5% more than that who visit Palampur and the ratio of female tourists to male tourists who visit Dalhousie is 5:6, the number of male tourists who

- visit Dalhousie is what percent more than the number of female tourists who visit Manali?
 (A) 100% (B) 10%
 (C) 25% (D) 20%
 (E) 50%
55. Find the difference between the total number of male tourists and female tourists who visit all the cities together in Himachal during winter season.
 (A) 40000 (B) 35000
 (C) 30000 (D) 25000
 (E) 45000
56. If in Palampur, 40% of the male tourists and 65% of the female tourists did paragliding, find the total number of tourists who did paragliding in Palampur.
 (A) 33000 (B) 25000
 (C) 23000 (D) 19000
 (E) None of these
57. Pragati and Kiran invest Rs.2800 and Rs.3200 for 12 months and 9 months respectively. they decided to donate 70 % of their profit and distribute remaining profit in the ratio of their investment. Calculate the total profit made by of Kiran and Pragati before donation, if Pragati gets the profit of Rs.462.
 (A) Rs.2680 (B) Rs.2500
 (C) Rs.2900 (D) Rs.2860
 (E) Rs.3250
58. Sharada marked up 60% above the cost price of a plastic chair while selling she offers 12% discount and earned a profit of Rs. 163.2. If she marked 50% above the cost price and offers 5% discount, then how much profit percentage earned?
 (A) 56.5% (B) 22.5%
 (C) 37.5% (D) 42.5%
 (E) 64.5%
59. Ship A covers a distance of 105 km in downstream and returns back to initial point in 10hours. Ratio of speed of ship to speed of flow of river is 5:2. If speed of ship becomes $\frac{2}{5}$ th of its initial speed and speed of flow of river becomes half of initial speed then what distance will be covered in 20 hours in downstream?
 (A) 150 km (B) 200 km
 (C) 100 km (D) 300 km
 (E) 400 km
60. In the question, two equations I and II are given. You have to solve both the equations to establish the correct relation between x and y and choose the correct option.
 I. $7x^2 - 26x - 45 = 0$ II. $144y^2 + 95y + 14 = 0$
 (A) $x > y$ (B) $x \geq y$
 (C) $x < y$ (D) $x \leq y$
 (E) $x = y$ or the relationship cannot be established
61. In the following question, there are two quadratic equations. Study both the equations carefully and answer accordingly.
 I. $x^2 - 29x + 208 = 0$ II. $y^2 - 35y + 304 = 0$
 (A) $x > y$ (B) $x \geq y$
 (C) $x < y$ (D) $x \leq y$
 (E) $x = y$ or the relationship cannot be established
62. In the following questions two equations numbered I and II are given. You have to solve both the equations and choose the correct option.
 I. $x^2 + 6x - 91 = 0$ II. $y^2 - 32y + 240 = 0$
 (A) $x < y$ (B) $x > y$
 (C) $x \leq y$ (D) $x \geq y$
 (E) $x = y$ or relationship cannot be established
63. What approximate value will come in place of question mark (?) in the following question?
 $\frac{210.06}{7.07} + 14.07 \times 2.94 = ? + \frac{180.05}{3.93} - 16.01$
 (A) 46 (B) 43
 (C) 67 (D) 22
 (E) 52
64. What approximate value will come in place of question mark (?) in the following question?
 $9.05 \times \sqrt{224.95} = ? \times \sqrt{728.97}$
 (A) 5 (B) 11
 (C) 14 (D) 8
 (E) 2
65. What approximate value should come in place of the question mark?
 $401.89 \times \frac{1}{6}.14 + 19.88\% \text{ of } 640.15 - 72.12 = ?$
 (A) 103 (B) 113
 (C) 123 (D) 133
 (E) 143
66. Sanju scored 35% marks in an examination and failed to clear the cut-off by 18 marks whereas Kamal scored 60% marks in the same examination and got 27 marks more than the cut-off. Find the difference between the maximum marks and cut-off marks of the examination.
 (A) 63 (B) 81
 (C) 108 (D) 117
 (E) 99
67. Diya and Meera borrowed same sum of money at a certain rate of compound interest for 2 years and 3 years respectively. Amount paid by Diya at the end of two years is Rs3600, and amount paid by Meera at the end of three years is Rs4320, then what is the rate of interest?
 (A) 20% (B) 10%
 (C) 25% (D) 16%
 (E) 32%
68. A jar contains a mixture of milk and water in the ratio 8:3. After replacing 22 litres of the mixture with 10 litres of pure milk, the respective ratio of the milk and water in the jar now becomes 10:3. Find the initial quantity of mixture in the jar (in litres).
 (A) 66 (B) 121
 (C) 88 (D) 77
 (E) None of these
69. In the following question, the question is followed by two statements. Read all the statements carefully and find that which of the following statement(s) is/are sufficient to answer the question.
 If the sum of present ages of Ram and Rahul is 30 years, then what is the present age of Prabhu?
Statement I: Ram is as many years older to Prabhu as Prabhu is older to Rahul.
Statement II: Ram is presently 16 years old and the difference between present ages of Rahul and Prabhu is 10 years.
 (A) If the data given in both statements I and II together are not sufficient to answer the question.
 (B) If the data in statement I alone are sufficient to answer the question, while the data in statement II are not sufficient to answer the question.

- (C) If the data in both statements I and II together are necessary to answer the question.
 (D) If the data either in statement I alone or in statement II alone are sufficient to answer the question.
 (E) If the data in statement II alone are sufficient to answer the question, while the data in statement I are not sufficient to answer the question.

70. P and Q alone can complete a piece of work in 80 days and 120 days respectively. Both of them took a piece of work for Rs. 96000. If P and Q together worked for 24 days and after that R also joined them and the work was completed in total of 40 days. What amount was paid to R?
 (A) Rs. 32000 (B) Rs. 16000
 (C) Rs. 18000 (D) Rs. 14000
 (E) Rs. 30000

English Language

71. In the following question, the sentence is divided into five parts and the parts are jumbled randomly. Read the following parts of the sentence and choose the correct order of the parts of the sentence as your answer. If the sequence is correct as it is mark 'No rearrangement needed' as the answer.
 A. light pollution B. reduce our
 C. view of D. the stars
 E. doesn't just
 (A) AEBCD (B) DBCEA
 (C) CBAED (D) BCDEA
 (E) No rearrangement required
72. In the following question, a sentence is given with four words marked as (A), (B), (C) and (D). Among the options, choose the correct order of words, that is required to make the sentence grammatically and contextually correct. If no rearrangement is required, mark (e) 'No rearrangement required' as your answer.
 Marriage is an **viewed** (A) social institution that can be **important** (B) as an agreement between partners **legally** (C) to regulate social life and create a **needed** (D) recognized union.
 (A) ABDC (B) DCBA
 (C) BADC (D) BACD
 (E) No rearrangement required
73. In the following question, four statements are given which are based on same or different theme and may or may not contain an error. Choose the one that is grammatically and meaningfully correct.
 (A) Today, almost 160 years after Charles Darwin revolutionised biology, how to define a species is more problematic than ever.
 (B) Speaking on the White House Rose Garden on Friday afternoon, the President said he would sign a temporary spending bill.
 (C) Imagine walking down Fourteenth Street in New York and see a sculpture of the head of a twentieth-century tyrant.
 (D) Constitutional institutions has been compromised and rendered toothless.
 (E) All are correct
74. 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.
 Madison's **eye pain got intensely**, so he was taken to the doctor immediately.
 (A) eye pain got intense
 (B) eye pain get intense
 (C) eye pain gotten intense
 (D) eye pain had gets intense
 (E) No correction required

75. In the question given below, one part of the sentence may or may not have an error. Find out which part of the sentence has an error and select the appropriate option. If the sentence is free from error, select 'No error'. Ignore punctuation errors, if any.
 Maths were never my (A)/ best subject at school, (B)/ but somehow I managed (C)/ to pass every test (D).
 (A) A (B) B
 (C) C (D) D
 (E) No error
76. In the given question, a word has been given and there are three ways in which the word has been used, **in similar or different forms**. You need to see which of the sentences have correctly used the highlighted word, and mark that as your answer.
Second
 I. **second** the motion that was brought forth in the last week's board meeting.
 II. That was a good barbecue, I wish I could get **second**.
 III. Please **second** the garbage collected in the bin.
 (A) Only I (B) Only I and II
 (C) Only I and III (D) Only II and III
 (E) All I, II and III

Directions [77-85]: Read the passage carefully and answer the questions that follow.

In many northern states, the winters are so cold that the lakes freeze right over. In Minnesota, Michigan, and Maine, the ice in these lakes can freeze two to three feet deep. When the ice is that thick it becomes possible to actually drive a car or truck across the ice. While driving on ice sounds like something that people would do just for fun, a lot of people drive across frozen lakes for very practical reasons. For example, there are people who live year-round on islands within these northern lakes. In the middle of winter, the only practical way of traveling to the mainland is by driving across the frozen lakes. Actually, when the lake is frozen two to three feet deep, this is a perfect opportunity for people living on islands to transport large objects onto or off the islands. Say, for instance, you owned a cabin on a small island in the middle of a lake in Michigan. Suppose you decided that you wanted to build an extra room onto the cabin. Transporting all the building materials onto the island using a boat would take a lot of work and expense. But if you waited until winter, you could easily drive all the building materials across the lake. How can you tell if a lake is frozen solid enough to drive on? The surest way to know is to wait until several other cars and trucks have safely driven across the ice. Even then, you should always be extra careful when driving across a frozen lake.
 It's possible that one section of the lake has currents that prevent the lake from freezing solid or there might be a river or stream that brings

slightly warmer water into one part of the lake. So even though most of the lake was frozen solid, one section of the lake could have thin ice. Usually, it takes at least two to three weeks of very cold weather before deep ice is formed on a lake. Here in the northern United States, deep ice doesn't form until mid-January, at the earliest.

Do the tires of cars slip when they drive across ice? Yes, sometimes they do. But almost every car and truck that drives on ice has snow tires, which creates extra friction between the tires and the ice. Some people also choose to put chains on their tires, which gives the tires an even stronger **grip** against the ice. After a few cars have driven across a particular path on a lake the ice actually becomes a sort of road. If you walked up to such a road and did not know that the road was traveling over a lake, you might never suspect that the cars and trucks are actually driving across solid ice.

77. What is the practical way of travelling to the mainland in winters?
 (A) Driving away through the lakes
 (B) Driving very slowly and steadily
 (C) Driving by using highways
 (D) Driving across the lakes that are frozen
 (E) Driving using well-constructed roads
78. Even during winter, why the lakes still have thin ice instead of solid ones?
 (A) The atmospheric pressure of the area plays a significant role
 (B) Ice melts when a crowd of people walk on it
 (C) A warm stream of lake initiates the thinning of ice
 (D) The friction created between tires and the ice melts the snow
 (E) Human interventions have thinned the ice
79. What could be the probable reason behind 'in the northern United States, deep ice doesn't form until mid-January'?
 (A) The very cold weather starts after mid-January
 (B) Because of global warming, the process of snow formation gets delayed
 (C) The water current resists the process
 (D) It cannot be possible to accumulate a certain amount of snow in those countries
 (E) None of these
80. According to the passage, why it is favourable for people living on the island to transport during winters?
 (A) They face problems in interacting with others
 (B) They have to depend on cities with normal temperature in winters
 (C) They have to shift their houses in winters
 (D) They can transport heavy and large objects through lakes
 (E) In summer, they have to earn more through lakes
81. What is the role of snow tires as per the passage?
 (A) It makes the frozen surface smooth
 (B) It creates friction which in turn melts the surface
 (C) They do not need refilling of air in those climatic conditions
 (D) It is meant for snow areas only and cannot be used on normal roads
 (E) It prevents slipping by creating friction

82. Which of the following word is synonymous with the word 'grip'?
 (A) Hold (B) Release
 (C) Strength (D) Attract
 (E) Give
83. The word 'slightly' antonym is
 (A) Imperceptibly (B) Marginally
 (C) Sparingly (D) Meagrely
 (E) Immensely
84. Which of the following statement(s) is/are **TRUE** about the given passage?
 I. In the northern United States, deep ice forms mostly in early January.
 II. The current in lakes restricts the freezing process.
 III. To test any frozen lake, wait until several trucks and cars have driven across it.
 (A) I and II (B) II and III
 (C) I and III (D) Only I
 (E) Only III
85. A lake becomes a road when
 (A) people walk on it
 (B) cars and trucks drive across it
 (C) when children play and jump on it
 (D) they a group of labour made it a road
 (E) it gets accumulated for 2-3 months
86. In the given sentence, a blank is given indicating that a word is missing. Among the four given options, a combination of words would fit the blank thereby making it grammatically and contextually correct. Choose that option as your response.
 The attorney came up with several far-fetched arguments in a vain attempt to _____ his weak case.
 A. buttress B. undermine
 C. subvert D. underpin
 (A) None of these (B) AD
 (C) BC (D) CD
 (E) AB
87. In the question given below, a sentence is given with two blanks, followed by five options, each having two words that may or may not fit in the blanks. Choose the one that gives the correct words that fit in the blanks.
 The _____ made by the students for making a campfire went in vain, as the ground was _____ with rainwater.
 (A) structures, dampened (B) attempt, fill
 (C) efforts, flooded (D) play, wet
 (E) works, immerse
88. In the question given below, a sentence is given with two blanks, followed by five options, each having two words that may or may not fit in the blanks. Choose the one that gives the correct words that fit in the blanks.
 _____ the arrival of the new team leader, a _____ change can be seen in the team.
 (A) since, discernible
 (B) from, clearly
 (C) because, distinguishable
 (D) different, visible
 (E) visibly, differently
89. In the given sentence, a blank is given indicating that a word is missing. Among the four given options, a combination of words would fit the blank

thereby making it grammatically and contextually correct. Choose that option as your response.
Phil and Dave were raring to get off to the mountains; they packed up their ski gear and climbed into the van with _____.

- A. alacrity
C. indifference
(A) BC
(C) BD
(E) CD
- B. apathy
D. ardour
(B) AD
(D) None of these

90. 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 'All are correct' as your answer.

She was a **sweat** (A) girl, and I'd truly **miss** (B) her when she **returned** (C) to her mother and **presumably** (D) her stepfather.

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

91. 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 'All are correct' as your answer.

The **conversation** (A) he hears in his home **stimulates** (B) his mind and suggests topics and calls forth the **spontaneous** (C) expression of his own **thoughts** (D).

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

92. The following question consists of four sentences labelled A, B, C, and D which when logically arranged form a coherent paragraph. Choose the option that represents the most logical order.

A. When stars get close to super-massive black holes they can be torn apart.
B. Black holes are the most densely packed objects in the Universe.
C. These events can help us discover the locations of the most massive black holes.
D. This produces a relatively brief but informative flash of light.

- (A) CDAB
(C) CDBA
(E) DBAC
- (B) BADC
(D) DBCA

93. In the given question, a sentence has been broken into five parts, and the parts are jumbled. Choose the option that provides the correct way to rearrange the parts to form a grammatically and contextually meaningful sentence.

he had always dreamed of (A) / to outer space, so he was overjoyed (B) / when he received his acceptance letter (C) / becoming an astronaut and traveling (D) / from NASA (E)

- (A) CEDBA
(C) CBAED
(E) EDBCA
- (B) BDCEA
(D) ADBCE

94. 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.

I must walk through the lane **before it's getting** completely dark.

- (A) not before it's getting
(B) just getting
(C) No correction required
(D) before it gets
(E) while its getting

95. 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 diligent school boy, with his backpack slung over his shoulder, eagerly **teleported at his** journey to the bustling schoolyard.

- (A) Embarked on his
(C) Settled in his
(E) No correction required
- (B) Transported to him
(D) Travelled from its

96. Match the statements of Column 1 and Column 2 and find which of the following pair of statements given in the options make contextually and grammatically correct sense.

Column 1	Column 2
A. The sudden rush of the singer's admirers into the auditorium	D. Making customised wedding suits and blazers.
B. My friend has defaulted his credit card payment	E. Resulted in the deaths of three people and five being seriously injured.
C. This shop has expertise in	F. And as a result, he has been asked to make the payment with interest.

- (A) AD, BF
(C) AE, BF, CD
(E) BF, AD
- (B) CE, AD
(D) AF, BD, CE

97. In the given question, a sentence has been broken into four parts and the parts are jumbled. Choose the option which provides the correct way to rearrange the parts to form a grammatically and contextually meaningful sentence.

A. overwhelmed by anxiety, or considered taking their own life
B. when we look at the numbers, we do not
C. who have sunk into depression, been
D. encounter the individuals themselves - the kids

- (A) BDCA
(C) ACBD
(E) CABD
- (B) BACD
(D) ADBC

98. In the question given below, a sentence is divided into six parts, where the bold parts are grammatically correct. Out of the other four 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 'No error' as your answer.

Scientists who are being (A)/ overpaid have to invent (B)/ **ways to make** / everything look badly in (C)/ **order to keep**/ receiving pay checks. (D)

(A) A
(C) C
(E) No error

(B) B
(D) D

(C) B
(E) D

(D) C

99. In the question given below, a sentence is divided into six parts, where the bold parts are grammatically correct. Out of the other four 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 'No error' as your answer.
He felt the heat (A)/ radiating up from (B)/ **the receiver, hoping/** to take a heart (C)/ from this release (D)/ **of stored energy.**
(A) No error (B) A

100. In the following question, a sentence is given with a phrase or idiom highlighted in bold. Select the option given below that cannot replace the phrase in bold and mark that as your answer.
In order to nullify the affect of such Court rulings and consider such rulings against the intention of law, an ordinance allowing the said trading has been introduced.
(A) To crack down on (B) To approbate
(C) To keep in check (D) To abrogate
(E) To debar

Space for rough work