SBI ASSOCIATE
TEST SERIES-5

1. **In a certain code BOARD is written as 53169 and NEAR is written as 2416. How is NODE written in that code?**
   (a) 2394 (b) 2894 (c) 2934 (d) 2694 (e) None of these

2. **What should come next in the following sequence of letters?**
   B B C B C D B C D E B C D E F B C D E F G B C D E F
   (a) B   (b) G   (c) H   (d) D   (e) None of these

3. **In a certain code SPORADIC is written as QNORDJEB. How is TROUBLES written in that code?**
   (a) SQTNTFMC   (b) TNQSRDKA
   (c) TNQSTFMC   (d) TFQSCMFT   (e) None of these

4. **Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?**
   (a) Mica   (b) Zinc   (c) Iron
   (d) Chlorine   (e) Aluminium

5. **If it is possible to make only one meaningful word with the first, the third, the fifth and the eighth letters of the word SHAREHOLDING. Which of the following will be the second letter of that word? If no such word can be made, give 'X' as the answer and if more than one such word can be made, give 'Y' as the answer-**
   (a) L   (b) E   (c) S   (d) X   (e) Y

6. **Four of the following five are alike in a certain way and so form group. Which is the one that does not belong to that group?**
   (a) 18   (b) 24 (c) 36 (d)34 (e) 26

7. **If 'Green' means 'Yellow' 'Yellow' means 'White', 'White' means 'Red', 'Red' means 'Violet', 'Violet' means 'Black'; then which of the following will be the colour of human blood?**
   (a) Red (b) Black (c) Green (d) White (e) None of these

8. **How many such pairs of letters are there in the Word GLIMPSE each of which has as many letters between them in the word as in the English alphabet?**
   (a) None (b) One (c) Two   (d) Three (e) more than three

9. **EARN is related to RANE and BOND is related to NODE in the same way as TEAR is related to ....**
   (a) AERT (b) ATRE (c) ARET (d) REAT (e) None of these

10. **How many such digits are there in the number 5831649 each of which is as far away from the beginning of the number as when the digits are rearranged in ascending order?**
    (a) None (b) One (c) Two (d) Three (e) More than three

11. **If 'x' means 'added to'; '÷' means 'multiplied by'; '+' means 'subtracted from' and '–' means 'divided by' then 24 + 36 – 12 x 8 ÷ 4 = ?**
    (a) 36   (b) 53   (c) 5   (d) – 20   (e) None of these

12. **Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?**
    (a) Coconut (b) Lotus (c) Lilly (d) Rose (e) Marigold
    Directions (13-15):
    (i) 'P x Q' means 'P is brother of 'Q'.
    (ii) 'P – Q' means 'P is sister of 'Q'.
    (iii) 'P + Q' means 'P is father of 'Q'.
    (iv) 'P ÷ Q' means 'P is mother of 'Q'.

13. **Which of the following represents 'M is nephew of N'?**
    (a) N–K+M   (b) NxK–M   (c) N+KxM
    (d) N–K+MxT   (e) None of these

14. **How is T related to D in the expression : H + T ÷ R – D ?**
    (a) Nephew   (b) Niece   (c) Nephew or Niece
    (d) Data inadequate   (e) None of these

15. **Which of the following represents F is daughter of W?**
    (a) W ÷ R+F   (b) WxRxF   (c) W+RxF – T
    (d) W+R–F+T   (e) None of these

Directions (16-20): In each of the questions below are given four statements followed by four

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conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

16. **Statements : Some bags are trunks.**
All trunks are shirts.
Some shirts are book.
All books are shocks.
Conclusions : I. Some Shops are bags.
II. Some books are bags.
III. Some shops are shirts.
IV. Some shirts are bags.
(a) Only I and II follow (b) Only I and III follow.
(c) Only III and IV follow   (d) Only II and IV follow
(e) None of these

17. **Statements : All pens are chairs.**
All flowers are chairs.
All chairs are trucks.
All trees are trucks.
Conclusions : I. Some trucks are pens.
II. Some trucks are chairs.
III. Some trees are pens.
IV. Some trees are chairs.
(a) Only I and III follow   (b) Only I and II follow.
(c) Only III and IV follow   (d) Only II and IV follow
(e) None of these

18. **Statements : All desks are pillars.**
Some pillars are towns.
All towns are benches.
Some benches are cars.
Conclusions : I. Some cars are towns
II. Some benches are desks.
III. Some benches are pillars.
IV. Some cars are pillars.
(a) None of these   (b) Only I follows.   (c) Only II follows
(d) Only III follows.   (e) Only IV follows

19. **Statements : All stations are houses.**
No house is garden.
Some gardens are rivers.
All rivers are ponds.
Conclusions : I. Some ponds are gardens.
II. Some ponds are stations.
III. Some ponds are houses.
IV. No pond is station.
(a) Only I follows   (b) Only either II or IV follows.
(c) Only I and III follow (d) Only I and IV follow
(e) None of these

20. **Statements : Some towers are lanes.**
Some lanes are roads.
Some roads are rivers.
Some rivers are jungles.
Conclusions : I. Some jungles are roads.
II. Some roads are lanes.
III. Some jungles are towers.
IV. No jungle is road.
(a) Only I follows   (b) Only II follows.
(c) Only either I or IV follows (d) Only IV follow
(e) Only either I or IV and II follow

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

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B ↑ A M 3 # D 2 E K 9 $ F @ N I T 4 1 U W © H 8 % V J 5 Y 6 * 7 R

21. **How many such symbols are there in the above arrangements each of which is either immediately preceded by a letter or immediately followed by a letter but not both?**
   (a) None (b) One (c) Two (d) Three (e) More than three

22. **If all the symbols in the above arrangement are dropped which of the following will be the twelfth from the left end?**
   (a) 9   (b) U   (c) I   (d) 1   (e) None of these

23. **How many such numbers are there in the above arrangement each of which is immediately followed by a consonant but not immediately preceded by a letter?**
   (a) None   (b) One (c) Two (d) Three (e) More than three

24. **Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?**
   (a) D K 3   (b) 4 N U   (c) 8 J ©   (d) F K N   (e) 5 * %

25. **Which of the following is the seventh to the right of the eighteen from the right end of the above arrangement?**
   (a) H   (b) 9   (c) %   (d) E   (e) None of these

Directions (26-30): In each question below is given a group of digits/symbols followed by four combination of letters lettered (a), (b), (c) and (d). You have to find out which of the combinations correctly represents the group of digits/ symbols based on the following coding systems and the conditions those follow. If none of the combinations correctly represents the group of letter/ digits, give (e) i.e. 'None of these' as the answer.

   Digit/Symbol : 1 # $ 9 8 6 % @ © 7 2 4 * 3 5
   Letter code   : B D E N I V R G H K T J P F A
   Conditions :
   (i) If both the first and the last elements in the group are odd digits both are to be coded as 'Y'.
   (ii) If the first element is a symbol and the last element is an even digit, the codes for the first and the last elements are to be interchanged.
   (iii) If the first element is an odd digit and the last element is a symbol, both are to be coded as 'Z'.
   (iv) If the first element is an even digit and the last element is an odd digit, both are to be coded as the code for the odd digit.

26. **3$95#1**
   (a) FENADB   (b) BENADF   (c) ZENADZ
   (d) FENADF   (e) None of these

27. **8%©3#5**
   (a) YRHFDY   (b) ARHFDI   (c) ARHFDA
   (d) YRHFDA   (e) None of these

28. **©8143*$**
   (a) EIBJFPH   (b) VIBJFPY   (c) EIBJFP#
   (d) HIBJFPE   (e) None of these

29. **6%@9#3**
   (a) VRGNDF   (b) FRGNDF   (c) YRGNDF
   (d) ZRGNDZ   (e) None of these

30. ***$6724**
   (a) JEVKTP   (b) PEVKTJ   (c) YEVKTY
   (d) ZEVKTZ   (e) None of these

Directions (31-35): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and ---
Give answer
   (a) I the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
   (b) I the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
   (c) If the data either in statement I alone or in statement II alone is sufficient to answer the question.
   (d) If the data in both the statement I and II together are not sufficient to answer the question.
   (e) If the data in both the statements I and II together are necessary to answer the question.

31. **How is M related to F?**

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Statements:
I.   F is sister of N who is mother of R.
II. M has brothers of which one is R.

32. **On which data in March was Pravin's father's birthday?**
Statements:
I.   Pravin correctly remembers that his father's birthday is after 14th but before 19th March.
II. Pravin's sister correctly remembers that their father's birthday is after 17th but before 21st March.

33. **Among M, N, T, R and D each having different age who is the youngest?**
I.   N is younger than only D among the.
II. T is older than R and younger than M.

34. **Village D is in which direction of village H?**
Statements:
I.   Village H is to the South of village A which is to the South-East of village D.
II. Village M is to the East of village D and to the North-East of village H.

35. **How is 'food' written in a code language?**
Statements:
I.   'Always eat good food' is written as 'ha na pa ta' in that code language.
II. 'Enjoy eating good food' is written as 'ni ha ja pa' in that code language.

Directions (36-40): In each of the following questions series begins with unlettered figure on the extreme left. One and only of the five lettered figures in the series. The two unlettered figures one each on the extreme left and the extreme right fit into the series. You have to take as many aspects into account as possible of the figures in the series and find out the one and only one of the five lettered figured which does not fit into the series. The letter of that figure is the answer.
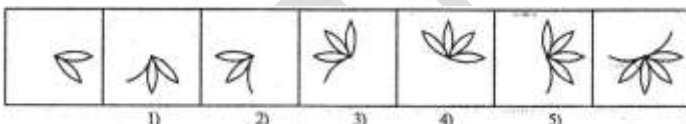**Study the following question.**
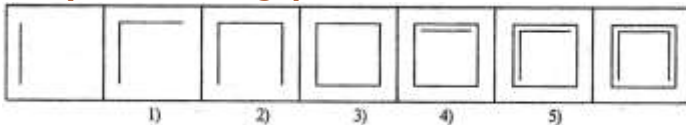
In this question the number of lines in the figures goes on increasing by one from left to right. If we got by this aspect of number of lines' only then there is no wrong figure in the series. But if we also consider the 'manner' in which the 'number of lines' in the figures goes on increasing from left to right we come to know that the figure No. 4) does not fit into the series. Therefore, 4) is the answer.
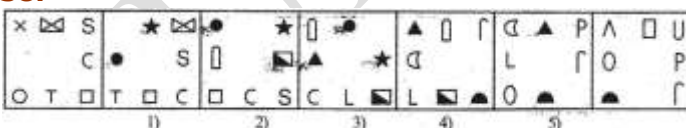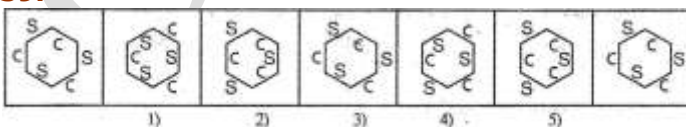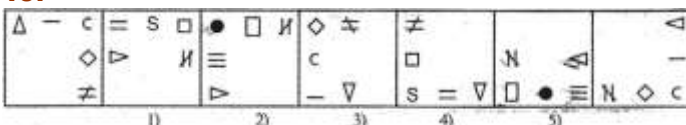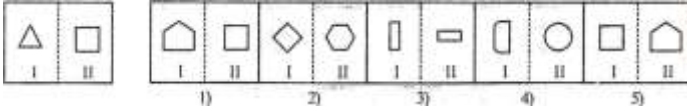
36.
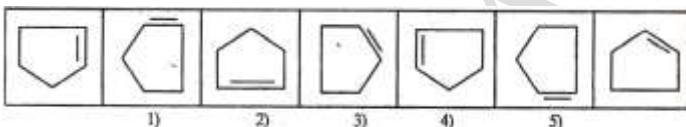
37.

38.

39.

40.

Directions (41-45): In each of the following questions, a related of figures is following by five lettered

pairs of figures. Select the pair that has a relationship similar to that in the unlettered pair. The best answer is to be selected form a group of fairly close choices.
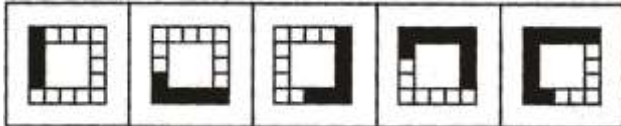**Study the following question.**

In this question element II of unlettered figure is related to the element I of the figure in a certain way. Element II has one side more than the element I. The pair in the figure No. 5 has the same relationship. Therefore, 5 is the answer. Now solve the following questions.
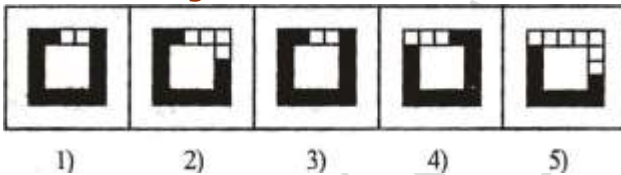

Directions (46-50): In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?
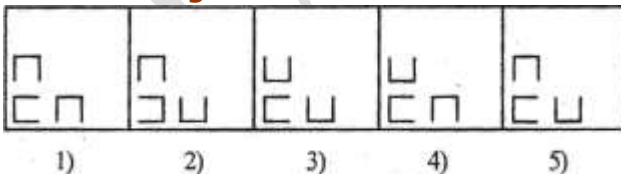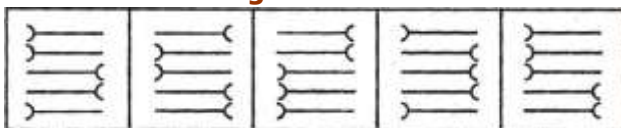
46.   Problem Figures

Answer Figures

47.   Problem Figures

Answer Figures

48.   Problem Figures

Answer Figures

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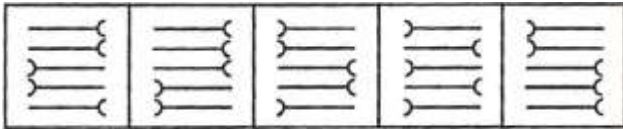
1)   2)   3)   4)   5)

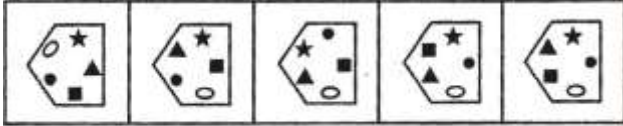### 49. Problem Figures

Answer Figures
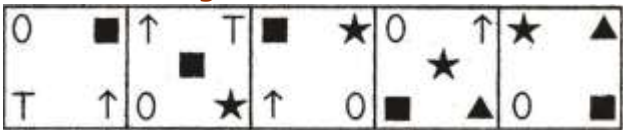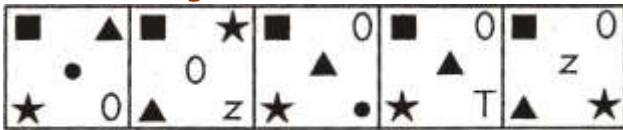

1)   2)   3)   4)   5)

50. Problem Figures

Answer Figures

1)   2)   3)   4)   5)

Test II
Quantitative Aptitude Test

Directions (51-70): What should come in place of the question mark(?) in the following questions?

51. (-251 x 21 x -12) ÷ ? = 158.13
    (a) 250   (b) 400   (c) 300   (d) 150   (e) None of these

52. 25.6% of 250 + $\sqrt{?}$ = 119
    (a) 4225   (b) 3025   (c) 2025   (d) 5625   (e) None of these

53. 36865 + 12473 + 21045 − 44102 = ?
    (a) 114485 (b) 28081 (c) 26281 (d) 114845
    (e) None of these

54. $(15.20)^2$ − 103.04 ÷ ? = 8
    (a) 12   (b) 6.5   (c) 8.2   (d) 16 (e) None of these

55. $\dfrac{0.4 \times 1.5}{0.2} = ?$

    (a) 2   (b) 3   (c) 1.2   (d) 0.3   (e) None of these

56. 7428 x $\dfrac{3}{4} \times \dfrac{2}{9} \times ?$ = 619

    (a) 0.5   (b) 1.5   (c) 0.2   (d) 2.4   (e) None of these

57. (560 ÷ 32) x (720 ÷ 48) = ?
    (a) 262.5 (b) 255   (c) 263.5   (d) 271.25
    (e) None of these

58. 748 x ? x 9 = 861696
    (a) 122   (b) 132   (c) 128   (d) 124   (e) None of these

59. 3.2% of 500 x 2.4% of ? = 288
    (a) 650   (b) 700   (c) 600   (d) 750   (e) None of these

60. 333 x 33 x 3 = ?
    (a) 32697 (b) 36297 (c) 32679 (d) 39267 (e) None of these

61. $(36)^2$ + $(47)^2$ ÷ ? = 28.04
    (a) 55   (b) 75 (c) 105   (d) 125   (e) None of these

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62. $\sqrt[3]{?} = (28 \times 24) \div 14$
   (a) 85184   (b) 140608   (c) 97336   (d) 117649
   (e) None of these

63. $14785 - 358 - 4158 - 9514 = ?$
   (a) 755   (b) 825   (c) 721   (d) 785   (e) None of these

64. $156 + 328 \times 0.8 = ?$
   (a) 287.2 (b) 352.8 (c) 418.4 (d) 451.2 (e) None of these

65. $1148 \div 28 \times 1408 \div 32 = ?$
   (a) 1800   (b) 1804   (c) 1814   (d) 1822 (e) None of these

66. $\sqrt[3]{148877} = ?$
   (a) 51   (b) 59 (c) 53 (d) 49 (e) None of these

67. $1425 + 8560 + 1680 \div 200 = ?$
   (a) 58.325   (b) 9973.4   (c) 56.425   (d) 9939.4
   (e) None of these

68. $[(12)^2 \times (14)^2] \div (16)^2 = ?$
   (a) 282.24 (b) 1764 (c) 126 (d) 104.25 (e) None of these

69. $2\dfrac{4}{25} + 3\dfrac{1}{5} = ?$
   (a) $1\dfrac{7}{15}$ (b) $6\dfrac{4}{25}$ (c) $5\dfrac{4}{15}$ (d) $5\dfrac{9}{25}$ (e) None of these

70. $\sqrt{?} \times \sqrt{3025} = 2695$
   (a) 2401 (b) 2209 (c) 2601   (d) 2304 (e) None of these

Directions (71-75): What should come in place of the question mark (?) in the following number series?

71. 7413, 7422, 7440, ?, 7503, 7548
   (a) 7464 (b) 7456 (c) 7466 (d) 7477 (e) None of these

72.   4, 16, 36, 64, 100, ?
   (a) 120 (b) 180 (c) 136 (d) 144 (e) None of these

73. 12, 33, 96, ?, 852, 2553
   (a) 285 (b) 288 (c) 250 (d) 384 (e) None of these

74.   70000, 14000, 2800, ?, 112, 22.4
   (a) 640   (b) 420   (c) 560   (d) 540   (e) None of these

75.   102, 99, 104, 97, 106, ?
   (a) 96   (b) 95 (c) 100   (d) 94 (e) None of these

76. If the numerator of a fraction is increased by 200% and the denominator of the fraction is increased by 120%, the resultant fraction is $\dfrac{4}{11}$. What is the original fraction?
   (a) $\dfrac{4}{15}$ (b) $\dfrac{3}{11}$ (c) $\dfrac{5}{12}$ (d) $\dfrac{6}{11}$ (e) None of these

77.   Mr. Rao invests sum of Rs. 41,250 at the rate of 6 p.c.p.a. What approximate amount of compound interest will be obtain at the end of 3 years?
   (a) Rs. 8,100 (b) Rs. 7,425 (c) Rs. 8,210 (d) Rs. 7,879
   (e) Rs. 7295

78.   The profit after selling a pair of trousers for Rs. 863 is the same as the loss incurred after selling the same pair of trousers for Rs 631. What is the cost price of the pair of trousers?
   (a) Rs. 750   (b) Rs. 800   (c) Rs. 763
   (d) Cannot be determined   (e) None of these

79.   The ratio of the length and the breadth of a rectangular plot is 6 : 5 respectively; if the breadth of the plot is 34 metre less than the length, what is the perimeter of the rectangular plot?
   (a) 374 metre (b) 408 metre (c) 814 metre (d) 748 metre
   (e) None of these

80. Ninad, Vikas and Manav enter into a partnership. Ninad invests some amount at the beginning. Vikas invests double the amount after 6 months and Manav invests thrice the amount invested by Ninad after 8 months. They earn a profit of Rs. 45,000 at the end of the year. What is Manav's share in the profit?
   (a) Rs. 25,000 (b) Rs. 15,000 (c) Rs. 12,000 (d) Rs. 9,000
   (e) None of these

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81. The cost of 7 tables and 12 chairs is Rs. 48,250. What is the cost of 21 tables and 36 chairs?
   (a) Rs. 96,500   (b) Rs. 1,25,500   (c) Rs. 1,44,750
   (d) Cannot be determined   (e) None of these

82. 'A' can complete a piece of work in 12 days. 'A' and 'B' together can complete the same piece of work in 8 days. In how many days can 'B' alone complete the same piece of work?
   (a) 15 days   (b) 18 days   (c) 24 days   (d) 28 days
   (e) None of these

83. What approximate value should come in place of the question mark (?) in the following question?
   6523 ÷ 544 x 1.2 = ?
   (a) 21   (b) 33 (c) 14 (d) 8   (e) 28

84. Raman drove from home to a neighbouring town at the speed of 50 km/hr and on his return journey, he drove at the speed of 45 km/hr and also took an hour longer to reach home. What distance did he cover each way?
   (a) 450 km   (b) 225 km   (c) 900 km   (d) 500 km
   (e) None of these

85. $\frac{3}{4}$ th of $\frac{2}{9}$ th of $\frac{1}{5}$ th of a number is 249.6. What is 50% of that number?
   (a) 3794 (b) 3749 (c) 3734 (d) 3739 (e) None of these

86. The average weight of a group of 75 girls was calculated as 47 kg. It was later discovered that the weight of one of the girls was read as 45 kg, whereas her actual weight was 25 kg. What is the actual average weight of the group of 75 girls? (Rounded off to two digits after decimal)
   (a) 46.73 kg   (b) 46.64 kg (c) 45.96 kg
   (d) Cannot be determined   (e) None of these

87. In how many different ways can the letters of the word 'MIRACLE' be arranged?
   (a) 720   (b) 5040 (c) 2520 (d) 40320 (e) None of these

88. The sum of the two digits of a two-digit number is 12 and the difference between the two-digit of the two-digit number is 6. What is the two-digit number?
   (a) 39   (b) 84 (c) 93 (d) Cannot be determined
   (e) None of these

89. If an amount of Rs 74,336 is equally divided amongst 150 people, how much approximate amount would each person get?
   (a) Rs. 522 (b) Rs. 485 (c) Rs. 496 (d) Rs. 488 (e) Rs. 510

90. What is 170% of 1140 ?
   (a) Rs. 1938 (b) Rs. 1824 (c) Rs. 1995 (d) Rs. 1881
   (e) None of these

91. Mr. Sarang invests 6% of his monthly salary i.e. Rs. 2,100 on insurance policies. Also he invests 8% of his monthly salary on family mediclaim policies and another 9% of his salary on NSCs. What is the total annual amount invested by Mr. Sarang?
   (a) Rs. 11,400 (b) Rs. 96,600 (c) Rs. 8,050 (d) Rs. 9,500
   (e) None of these

92. A trader sells 145 metre of cloth for Rs 12,325 at the profit of Rs 10 per metre of cloth. What is the cost price of 1 metre of cloth?
   (a) Rs 65 (b) Rs 75 (c) Rs 95 (d) Rs 85 (e) None of these

93. There are 7 dozen candles kept in a box. If there are 14 such boxes, how many candles are there in all the boxes together?
   (a) 1176 (b) 98 (c) 1216   (d) 168 (e) None of these

94. What of the following smallest number should be added to 6659 to make it a perfect square?
   (a) 230   (b) 65 (c) 98 (d) 56 (e) None of these

95. What is the greater of two numbers whose product is 1092 and the sum of the two numbers exceeds their difference by 42?
   (a) 48   (b) 44 (c) 52 (d) 54 (e) None of these

96. Veena obtained an amount of Rs 8376 as simple interest on a certain amount at 8 p.c.p.a. after 6 years. What is the amount invested by Veena?
   (a) Rs 17,180 (b) Rs 18,110 (c) Rs 16,660 (d) Rs 17,450
   (e) None of these

97. Two numbers are such that the sum of twice the first number and thrice the second number is 36 and the sum of thrice the first number and twice the second number is 39. Which is the smaller number?
   (a) 9   (b) 5   (c) 7   (d) 3   (e) None of these

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98. The difference between the present ages of Arun and Deepak is 14 years. Seven years ago the ratio of their ages was 5 : 7 respectively. What is Deepak's present age?
(a) 49 years (b) 42 years (c) 63 years (d) 35 years
(e) None of these

99. a, b, c, d and e are 5 consecutive even numbers. If the sum of 'a' and 'd' is 162, what is the sum of all the numbers?
(a) 400   (b) 380   (c) 420
(d) Cannot be determined   (e) None of these

100. What is 348 times 265?
(a) 88740 (b) 89570 (c) 95700 (d) 92220 (e) None of these

Test III
General Awareness

101. India cancels 3,600 crore rupee VVIP choppers deal with which country??
(a) Agusta WestLand ! (b) Green land (c) Feenland (d) India

102. Who takes charge as Vijaya Bank CMD???
(a) Anand vinod (b) n.k singh (c) k.k khanna (d) V. Kannan

103. Who appointed as Special DG, BSF?
(a) Devendra Kumar Pathak (b) vk singh (c) Mahindra Singh (d) none of these

104. Ruling Awami League in Bangladesh set to form govt again in Bangladesh and who elected as a prime minister??
1) Sheikh Hasina (b) Shaikh rubab (c) heena khan (d) none of these

105. Who win U-19 asia cup title?
(a) India (b) Pakistan (c) south Africa (d) Bhutan (e) None of these

106. New chairman of the Federal Reserve?
(a) Janet Yellen (b) Hermington Yaltsen (c) fedral kumau (d) none of these

107. National Girl Child Day?
(a) january 21 (b) January 30 (c)January 24: (d)1 feb

108. The provision of credit and other financial services and products of very small amount to the poor in rural and semi-urban and urban areas to enable them to raise their income level and living standard is known as –
(a) Corporate Banking (b) Personal Banking (c) Micro Credit (d) Non-Banking finance (e) None of these

109. India's support which country on disputes with China??
a)Japan b)south koriea c) maldevis d) chile

110. Name the President of South Korea who visit india in january??
(a) Park Geun-hye (b) Park Huge (c) Defin Hurmington (d) None of these

111. Which of the following as are not the constituent sector(s) of the Gross Domestic Product (GDP) of India?
(A) Agriculture and allied activities
(B) Foreign Exchange Reserve
(C) Industry
(a) Only (A)   (b) All (A), (B) and (C)   (c) Only (C)
(d) Both (A) and (C)   (e) Only (B)

112. Which Indian railway station's platform number one has become the world's longest platform as announced by Limca Book of Records on 11 January 2014?
a) khadakpur b) gaya C) Gorakhpur railway station, Uttar Pradesh d)hawra

113. Who retired as Deputy Governor of the Reserve Bank of India (RBI) on 20 January 2014?
a) Anand Sinha b) anil kumar singh c) vinod Sharma d) anjali singh

114. Who has been elected as the Speaker of the Delhi Assembly on 3 January 2014?
a) abdul farukh b) M.S. Dhir c) vinod kumar beni d) r.k. singh

115. Which state became the first state to withdraw FDI in Multibrand Retail on 13 January 2013?
A) Delhi b) rajasthan c) chattisgarh d) jharkhand

116. Which of the following is considered an Annual Indicator of the Economy of the country?
(A) Actual Rainfall (B) Population (C) Wholesale price index
(a) Only (A)   (b) Only (B) (c) Only (C)
(d) All (A), (B) and (C) (e) None of these

117. What is the name of world' first Bitcoin storage service that insures deposits of the digital currency against hackers and accidental loss, which was opened on London on 12 January 2013?

a)vakrangi b) 'Elliptic Vault' c) walt count d) allem elliptic

118. Which Australian cricketer won the coveted Allan Border medal 2014 on 20 January 2014?
A) Mitchell Johnson b) ricky ponting c) shane warne d)Watson

119. Which player was awarded the Order of Prince Henry, one of the Portugal's highest honours, by the Portugal's president office on 3 January 2014?
A) Cristiano Ronaldo b) lion messi c) adam johnsons d) cristopher rinaldio

120. Corey Anderson ,who hit the fastest century in one-day international history on 1 January 2014 , belongs to which country ?
a)Ireland b) Australia c) New Zealand d) west indies

121. Which of the following is the abbreviated name of a Non-Government Organization (NGO) which provides financial security and independence to rural people?
(a) SEWA (b) AMUL (c) CRY (d) ISFM (e) None of these

122. Name the Indian born Scientist and Professor (Emeritus) at Stanford University on 21 January 2014 was awarded with prestigious ' 2014 Marconi Society Prize ' for developing the theory and application of MIMO (Multiple Input Multiple Output) antennas ?
a)andrews joseph b) milian singh c)rajat arora d) Arogyaswami Joseph Paulraj

123. Which state bagged 3rd Krishi Karman Award for 2012-13 for being the best performing state in overall agricultural production in the country on 18 January 2014?
A) West Bengal b) goa c) rajasthan d) gujrat

124. Who has won the DSC prize 2014 for South Asian literature for his book Chronicles of a Corpse Bearer on 18 January 2014?
a)khushwant singh b) R.K. sinha c) Cyrus Mistry d) mukesh ambani

125. Which film has been adjudged "Best Motion Picture " at 71st annual Golden Globe Awards ?
A) 12 Years a Slave b) the wolf of wallstreet c)avtar d) I met your mother

126. International Petroleum Conference 2014 (PETROTECH-2014) was held from 12th – 15th January 2014 at which place ?
a) Kolkata b) Chennai c) Mumbai d) New Delhi

127. Which of the following countries has landed into deep turmoil as the Govt. of the country has announced the formal end of the 2002 Norwegian-Mediated ceasefire Agreement with the rebel group of the country?
(a) Nepal (b) Pakistan (c) Afghanistan
(d) Sri Lanka (e) None of these

128. The pilot project of Amul's first "Any Time Milk" (ATM) vending machine to dispense milk on 24X7 basis was on 19 January 2014 installed at ——- ?
A) Anand b) vadodra c) surat d) delhi

129. Which state Government on 15 January 2014 decided to increase the reservation of Other Backward Classes (OBC) from 19.5 percent to 27 percent ?
a) uttar pradesh b) rajasthan c) Goa d) tamil nadu

130. Who amongst the following is the author of the novel 'Without Dreams'?
(a) Shahbano Bilgrami (b) Saeed Mirza (c) Javed Akhtar
(d) Shabana Azmi (e) None of these

131. 'Would Day for water' was observed on which of the following days?
(a) 22nd January (b) 22nd February (c) 22nd March
(d) 22nd April (e) None of these

132. The term 'Euromaidan' came to news recently, which stands for a huge spat of civil unrest and anti-government protests in a country.Which country is associated with these protests?
A) Russia B)Ukraine C) England D) USA

133. The Fifth National Winter Games were organized in .....
(a) Jaipur (b) Gulmarg (c) Hyderabad (d) Chennai (e) Delhi

134. Which of the following films won the Best Film Award in the 65th Golden Globe Awards ceremony?
(a) Away from Her (b) Atonement
(c) No country for old Man (d) I'm not their
(e) None of these

135. Vijay Bahuguna on 31 January 2014 resigned from the post of Chief Minister of which state?
(A) Sikkim (B) Assam (C) Uttarakhand (D) Jharkhand

136. The .... of a system includes the programs or instructions.
(a) hardware (b) icon (c) information (d) software

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(e) None of these

137. Which element is not present in Sugar?
(A) Carbon (B) Oxygen(C) Hydrogen (D) Nitrogen

138. In order to save a Word document as a web page you need to ....
(a) put the appropriate graphics and links on the document
(b) save the document in simple text format
(c) use your web browser as an editor and save as URL
(d) save as HTML   (e) None of these

139. Which of the following displays to the right of the space where the text will be inserted when you type?
(a) Screen tip   (b) Insertion point
(c) Rulers   (d) Office Assistant
(e) None of these

140. Something which has easily-understood instructions is said to be ....
(a) user friendly (b) information
(c) word processing   (d) icon   (e) None of these

141. The copy command saves to ....
(a) the desktop   (b) the clipboard
(c) Microsoft   (d) paste   (e) None of these

142. An example of non-numeric data is -
(a) Bank balance   (b) Examination marks
(c) Real Numbers   (d) Employee Address
(e) None of these

143. Which of the following displays the buttons for changing text style, alignment and size?
(a) Standard toolbar   (b) States bar
(c) Drawing toolbar   (d) Formating toolbar
(e) None of these

144. Arranging of data in a logical sequence is know as ....
(a) Classifying   (b) Searching(c) Sorting
(d) Reproducing (e) None of these

145. Which of the following tools is not normally used during systems analysis?
(a) Program Flow Chart   (b) Grid Chart
(c) System Flow Chart   (d) Question Check-list
(e) None of these

146. A single application that combines the major features of several types of applications is called ....
(a) integrated software   (b) a suite
(c) a combo package   (d) high-end
(e) None of these

147. The word processing task associated with changing the appearance of documents is ....
(a) Writing   (b) Formatting   (c) Editing
(d) Storing   (e) None of these

148. In order to save an existing document with a different name you need to ....
(a) retype the document and give it a different name
(b) use the Save as ... command
(c) copy and paste the original document to a new document and then save
(d) use Windows Explorer to copy the document to a different location and then rename it
(e) None of these

149. It is better to copy a file from a floppy disk to a hard disk, then open the copy on the hard disk because ....
(a) a floppy disk is easily moved from one computer to another
(b) you can store more on a hard disk
(c) the computer cannot open a file stored on a floppy disk
(d) reading a hard disk is much faster and safer
(e) None of these

150. The best reason that a computer needs to have a hard disk is because ....
(a) it can then use the same programs as other computers
(b) it would not work without one

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(c) it can store information when it is switched off

(d) it can store information while it is working

(e) None of these

Test IV
English Language

Directions (151-165): Read the following passage carefully and answer the questions given below it. Certain words are given in bold to help you to locate them while answering some of the questions.

Thought it is commonplace to say we live in a globalised world, less well understood is that globalisation is taking place in stages. In the first stage as flows of capital and goods were liberated the benefits of globalisation e.g., technological advancements, flowed primarily to the developed world. As we enter the current newer age of mobility, people have begun to move across borders in great numbers in pursuit of economic security and a better life for themselves and to keep their families out of poverty. At the turn of the 20th century the United Nations estimates that approximately three per cent of the world's population is on the move, a similar scale the that witnessed in earlier eras. Growing economic inequality together with natural and man made crises prompt emigration. But this mobility has the potential to chip away at the vast inequalities that characterize our time and accelerate progress throughout the developing world. To take an example, last year migrants sent home $264 billion triple all international aid combined. The freer movement of people helps to underwrite health care, education and grass roots entrepreneurship across the developing world.

It helps to oil the global economy. When industrialized nations need to recruit nurses or software programmers developing countries are often the source. Yet rather than look at how these gains can be harnessed to reduce poverty, governments have been slow to adapt. The result is burgeoning illegal immigration, and trafficking, social tension and intolerance, loss of faith in the government and the empowerment of criminal networks. Until a few years ago, migrants were paying exorbitant fees to send money home losing about 20% in transaction costs. Today though migrants move freely and easily thanks to easy access to low cost transport and the internet, affordable and rapidly advancing telephony and satellite television which keep them in constant touch with home. Banks easily and wirelessly transmit hard won and sometimes meager salaries instantly to their families. The flow of people until now mostly benefited richer countries and generated worries about brain drain and the violation of migrant rights in poorer ones. Global for a represent a step in the effort to harness the power of migration to advance development and increase our knowledge of how to make the migration equation work for all. Rather than focus on the negative consequences and recriminations of exploitation by development countries such summits provide an opportunity for all nations to come together and address these issue in a comprehensive, logical and rational way so that the benefits of migration are fully realised in both developing and industrialized countries. Countries may examine how duel citizenship laws can ease the way for migrants to play a bigger role in development by bringing their capital, knowledge and networks back home. Such efforts will usher in the third stage of globalisation where everyone can share in the world's prosperity.

151. What does the fact that remittances exceeded international aid illustrate?

(A) Migrants misuse concessions granted to them by the countries where they earn their livelihood.

(B) Migration can be a powerful means to bring about the development of the developing world.

(C) The amount of adi from developed countries has decreased significantly.

(a) None   (b) Only (A)   (c) Both (A) and (B)

(d) Both (A) and (C)   (e) None of these

152. The author's main objective in writing the passage is to ....

(a) Convince governments to tighten security measures to restrict migration and therefore the growth of criminal networks.

(b) Criticise developed countries for unfairly reaping the benefits of globalisation.

(c) Provide a history of globalisation and its impact on developed countries.

(d) Exhort nations to make a collective effort to ensure migration results in development of all countries.

(e) Focus only on technological advancements made by developed countries to the benefit of migrants.

153. Which of the following has not been an impact of globalisation?

(a) Increased job opportunities in developed countries

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(b) Facilitation of technological advancement

(c) Encouraging movement of citizens away from their native country

(d) Difference in benefits to developed and developing countries

(e) Sudden reversal of brain drain

154. What is the objective of international for an migration?

(a) Create an awareness about the negative aspects of migration

(b) Make the right to dual citizenship a fundamental right

(c) Devise practical steps to optimize the benefits of migration

(d) Defuse conflict between the leaders of developing countries.

(e) Control brain drain by restricting the movement of people across borders

155. Which of the following is an advantage of migration?

(a) Labour costs have diminished

(b) Banks earn high revenues from transaction fees that they charge migrants

(c) Developed countries are no longer forced to provide aid to developing countries

(d) It facilitates entrepreneurship at the grass root level in migrants' native countries

(e) None of these

156. What is/are the outcome/s of governments ignoring the issue of migration?

(A) Migrants have to face discrimination

(B) Governments remain in power since locals do not lose their jobs to migrants

(C) Growth of criminal activities like smuggling of human beings

(a) Only (B)   (b) Both (A) and (B)

(c) Both (A) and (C)   (d) All (A), (B) and (C)

(e) None of these

157. According to the passage which of the following has not facilitated migrants' access to their native countries?

(a) Relaxation of internet laws

(b) Readily available technology

(c) Advances in telecommunication

(d) Affordable means of communication

(e) Economical means of transport

158. According to the author why do people migrate?

(A) To get very well paid jobs in developed countries

(B) To provide for their families

(C) To obtain dual citizenship

(a) All (A), (B) and (C)   (b) Both (A) and (B)

(c) Only (B)   (d) Both (B) and (C)

(e) None of these

159. How does the author view migration?

(a) As a necessary evil

(b) As a means to reduce economic inequality

(c) As a threat to national security

(d) As an excuse for developed countries to stop aid to impoverished countries

(e) None of these

160. Which of the following is true in the context of the passage?

(a) The world is currently in the final stage of globalisation

(b) The aim of summits on migration is to curb migration and prevent brain drain

(c) Governments have not fully exploited the potential benefits of migration

(d) Currently reforms are needed as international remittances are marginal

(e) The rate of migration during the 20th century has been unprecedented

Directions (161-163): Choose the word which is most nearly the same in meaning as the word printed in bold as in the passage.

161. Harnessed

(a) Mobilised   (b) Control   (c) Pushed   (d) Pull   (e) Busy

162. Accelerate

(a) Further   (b) Quicken   (c) Open (d) Rapid (e) Emphasise

163. Burgeoning

(a) Stretching   (b) Intensify (c) Expanding

(d) Cultivate   (e) Succeeding

Directions (164-165): Choose the word which is most opposite in meaning of the word printed in bold

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as used in the passage.

164. Advance
(a) Backward (b) Increase (c) Hamper (d) Defeat (e) Behind

165. Prompt
(a) Late (b) Unwilling (c) Slowly (d) Provoke (e) Restrain

Directions (166-175): Read each sentence to find out if there is any error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error the answer is (e). (Ignore errors in punctuation, if any)

166. They are scheduled (a)/ a meeting today to (b)/ accept the resignation (c)/ of the Director. (d)/ No error(e)

167. The launch of (a)/ the new products was (b)/ delayed which resulted (c)/ in heavily losses. (d)/ No error(e)

168. The Chairman has promised (a)/ to sanction (b)/ the necessary funds to (c)/ modernize the factory. (d)/ No error(e)

169. The company has decided (a)/ to invest in (b)/ one crore rupees (c)/ in new technology. (d)/ No error(e)

170. The success of the (a)/ merger of the two (b)/ banis is dependence (c)/ on various factors. (d)/ No error(e)

171. The meeting taken place (a)/ when you were (b)/ at a conference (c)/ in Delhi last month. (d)/ No error(e)

172. Most companies neglect (a)/ to spend none (b)/ of their resources (c)/ on training older employees. (d)/ No error(e)

173. Even today there are (a)/ several million people (b)/ who do not have (c)/ access of banking services. (d)/ No error (e)

174. We are still (a)/ waiting for the (b)/ committee decision about (c)/ the pension plan. (d)/ No error(e)

175. Ramesh doubts when (a)/ he will be ready (b)/ for the presentation (c)/ in time. (d)/ No error(e)

Directions (176-180): Which of the phrases (a), (b), (c), (d) given below each sentence should replace the phrase printed in bold type to make the sentence grammatically correct? If the sentence is correct mark (e) i.e., 'No correction required' as the answer.

176. For being skilful and experience, he is a valuable employee.
(a) Because he is skill   (b) On account he is skilled
(c) With his skill (d) Beside having skill
(e) No correction required

177. Today there are few countries whose growth rate is equally that of China.
(a) equalize on   (b) equivalent to
(c) equals with   (d) on equality with
(e) No correction required

178. The government is willing for finance part of the project.
(a) willingly finance to (b) financially willing
(c) willing to finance   (d) willingness in financing
(e) No correction required

179. We must keep in pace changing technology to succeed.
(a) keep pace with   (b) kept pace on
(c) in keeping pace   (d) keep pacing
(e) No correction required

180. The company does not have many choice, except to pay the fine.
(a) any choice of   (b) much choice
(c) more choices   (d) other choice
(e) No correction required

Directions (181-185): In each of the following sentences there are two blank spaces. Below each five words have been denoted by letters (a), (b), (c), (d) and (e). Find out which pair of words can be filled up in the blanks in the sentence in the same sequence to make the sentence meaningfully complete.

181. Efforts to .... the issue will not be successful .... both sides continue to blame each other.
(a) resolve – if   (b) discuss – unless
(c) address – whether (d) settled – because

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(e) close - although

182. The economy has managed to retain its .... edge despite .... demand for its exports.

(a) leading – healthy   (b) competitive – shrinkig

(c) sharp – favourable (d) predominant – average

(e) worthwhile – durable

183. It will be .... for the management to implement the policy because of the employees .... to change.

(a) inconvenient – willing   (b) complicated – concern

(c) burden – decision   (d) impossible – resistance

(e) critical – character

184. Analysis are looking .... to more mergers in the banking .... which will boost the economy.

(a) around – arena   (b) ahead – rivals

(c) forward – sector   (d) perhaps – partners

(e) doubtfully – investment

185. After the devastating fire, the, Board has no .... except .... of their textile factory.

(a) idea – inauguration (b) estimate – running

(c) power – modernising   (d) condition – improving

(e) option – closure

Directions (186-190): Rearrange the following sentences (1), (2), (3), (4), (5) and (6) into a meaningful paragraph and then answer the questions given below it.

(1) The urban poor were neglected.

(2) A new generation of professionals however are attempting to reach the urban poor.

(3) This is because they were considered too mobile and lacking in cohension.

(4) Microfinance institutions have traditionally focused on the rural poor.

(5) These factors do not facilitate generation of peer group pressure which is essential for the success of the microfinance model.

(6) Their challenge will be to adapt the traditional microfinance model to one suited to urban microfinance.

186. Which of the following is the second sentence after rearrangement?

(a) (1)   (b) (2)   (c) (3)   (d) (4)   (e) (5)

187. Which of the following is the fifth sentence after rearrangement?

(a) (1)   (b) (2)   (c) (3)   (d) (4)   (e) (5)

188. Which of the following is the sixth sentence after rearrangement?

(a) (2)   (b) (3)   (c) (4)   (d) (5)   (e) (6)

189. Which of the following is the third sentence after rearrangement?

(a) (2)   (b) (3)   (c) (4)   (d) (5)   (e) (6)

190. Which of the following is the first sentence after rearrangement?

(a) (1)   (b) (2)   (c) (3)   (d) (4)   (e) (5)

Directions (191-200) : In the following passage there are blanks each of which has been numbered. These numbers are printed below the passage and against each five words have been suggested, one of which fills the blanks appropriately. Find out the appropriate word in each case.

A decade ago, a financial crisis (191) Bangkok. During the next fifteen months it swept (192) Jakarta, Kuala Lumpur, Hong Kong and Seoul. As Asian countries borrowed and spent beyond their means (193) of thousands lost their jobs. (194) half-built buildings throughout Asian cities (195) as remainder of the shattered hopes not only of distinguished entrepreneurs but also (196) workers. Asia has come a long way during the past ten years – vast economic imbalances no longer (197). However, market crashed are (198) even today and Asia's best insurance policy to (199) with any future crises is to build (200) financial systems.

191. (a) occurred   (b) hit   (c) striking

    (d) fuelled   (e) suffered

192. (a) in   (b) upward   (c) forward

    (d) from   (e) through

193. (a) tens (b) few   (c) approximate

    (d) several   (e) lives

194. (a) dense   (b) haunted   (c) abandoned

    (d) buried   (e) vacate

195. (a) seen   (b) pointed   (c) showed

    (d) stood   (e) forgotten

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196. (a) undeserving   (b) incompetent (c) greedy
     (d) cheap   (e) ordinary
197. (a) seen   (b) valid   (c) exist
     (d) present   (e) there
198. (a) undertaken   (b) possible   (c) threat
     (d) reality   (e) capable
199. (a) cope   (b) combat   (c) justify
     (d) avert   (e) accommodate
200. (a) perfectly   (b) popular   (c) formidably
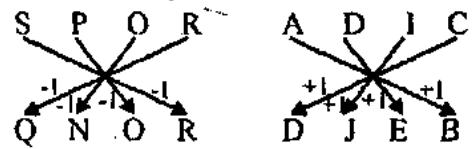   (d) resilient   (e) foreign

Center I. Agarsen Plaza, Near Nai Sarak, Garh Road, Meerut
Center II. Ist Floor, Utsav Complex, Shivaji Road, Near N.A.S. College, Meerut
Center-III. IInd Floor, Star Plaza, Begum Bridge Road, Meerut

16

1. 1;

B	O	A	R	D	N	E
5	3	1	6	9	2	4

∴ NODE is written as 2394.

2. 2; B, (B C), (BCD), (BCDE),
(BCDEF), (BCDEFG), (BCDEFG..)

3. 3; As,

Similarly,
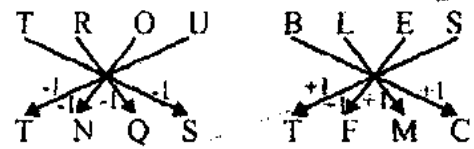
4. 4; All the rest are solid.

5. 5; 1st, 3rd, 5th, and 8th letters of the word SHAREHOLDING are S, A, E and L respectively. The meaningful words with these letters are SALE and SEAL.

6. 3; Only 36 is a perfect square number.

7. 5; The colour of human blood is red and red is called violet. Hence, the colour of human blood is violet.

8. 3; G L I M P S E

G — I and E — I.

9. 1; As
E A R N → R A N E
1 2 3 4   3 2 4 1
And
B O N D → N O D B
1 2 3 4   3 2 4 1
Similarly,
T E A R → A E R T
1 2 3 4   3 2 4 1

10. 3;

5	8	3	1	6	4	9
1	3	4	5	6	8	9

11. 2; $? = 24 + 36 - 12 \times 8 \div 4$
$= 24 - 36 \div 12 + 8 \times 4$
$= 24 - 3 + 8 \times 4$
$= 24 - 3 + 32$
$= 53$

12. 1; All the rest are flowers.

13. 4; 1) $N - K + M \Rightarrow$
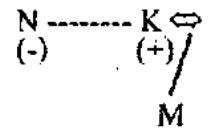
Here, sex of M is not clear.

2) $N \times K - M \Rightarrow$
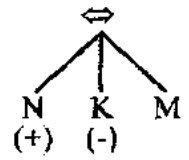
3) $N + K \times M \Rightarrow$
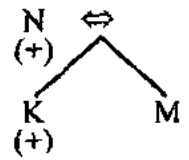
4) $N - K + M \times T \Rightarrow$
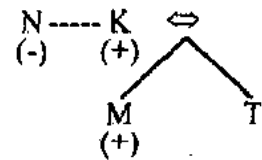
Clearly, M is nephew of N.

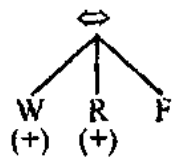14. 5; $H + T \div R - D \Rightarrow$
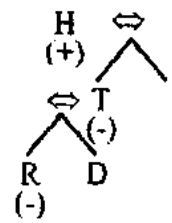
Hence 'T' is mother of 'D'.
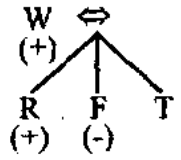
15. 3; 1) $W \div R + F \Rightarrow$
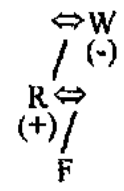
Here sex of F is not known.

2) $W \times R \times F \Rightarrow$

3) $W + R \times F - T \Rightarrow$

Clearly, F is daughter of W.

16. 3; Some bags are trunks + All trunks are shirts = I + A = I = Some bags are shirts (I) → conversion → Some shirts are bags (I). Hence, conclusion IV follows.

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Again, Some shirts are books + All books are shops = I + A = I = Some shirts are shops (I) → conversion → Some shops are shirts (I). Hence, conclusion III follows.

17. 2; All pens are chairs + All chairs trucks = A + A = A = All pens are trucks (A) → conversion → Some trucks are pens (I). Hence conclusion I follows. Again, All chairs are trucks (A) → conversion → Some trucks are chairs (I). Hence, conclusion III follows.

18. 4; Some pillars are towns + All towns are benches = I + A = I = Some pillars are benches (I) → conversion → Some benches are pillars (I). Hence, conclusion III follows.

19. 5; Some gardens are rivers + All rivers are ponds = I + A = I = Some gardens are ponds (I) → conversion → Some ponds are gardens (I). Hence, conclusion I follows. Again, conclusion II and conclusion IV form E-I type of complementary pair. Hence, either II or IV follows. Hence, "only either II or IV and I follow' is the correct answer.

20. 5; Some lanes are roads (I) → conversion → Some roads are lanes (I). Hence conclusion II follows. Again, conclusion I and conclusion IV form E-I type of complementary pair. Hence, either I or IV follows. Therefore. 'only either I or IV and II follow' is the correct answer.

21. 4; 9$F, 3#D and 8%V

22. 3; After dropping all the symbols from the given arrangement, we get,
B A M 3 D 2 E K 9 F N I T 4 1 U W H 8 V J 5 Y 6 7 R
12th element from the left end is I.

23. 2; ★7R

24. 5; D $\xrightarrow{+3}$ K $\xrightarrow{-5}$ 3

4 $\xrightarrow{-3}$ N $\xrightarrow{+5}$ U

8 $\xrightarrow{+3}$ J $\xrightarrow{-5}$ ©

F $\xrightarrow{-3}$ K $\xrightarrow{+5}$ N

5 $\xrightarrow{+3}$ ★ $\xrightarrow{-6}$ %

25. 1; Seventh to the right of the eighteenth from the right end means (18 – 7 =) 11th from the right end.
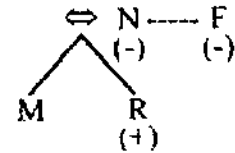
26. 5; 3$95#1 → YENADY

27. 3; 8%©3#5 → ARHFDA

28. 4; ©8143★$ → HIBJFPE

29. 2; 6%@9#3 → FRGNDF

30. 1; ★$6724 → JEVKTP

31. 5;

∴ F is the maternal aunt of M.

32. 5; From I, His father's birthday is on 15 or 16 or 17 18th March.
From II, His father's birthday is on 18th or 19th 20th March.
∴ Father's birthday is on 18th March.

33. 5; From I, D > N > T, R, M
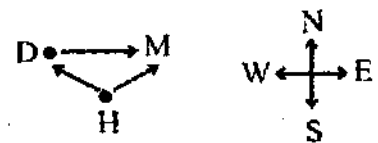From II, M > T > R
∴ The youngest is R.

34. 3; From I,

D is in N-W of H.
From II,

D is in N-W of H.

35. 4; From I, Always eat good food → ha na pa ta
From II, Enjoy eating good food → ni ha ja pa
∴ Code for 'food' cannot be known.

36. 1; In each subsequent figure the pentagon is rotat 90° clockwise and a additional small line made this is shifting two side in the same direction an coming inside to outside and then outside to ins respectively.

37. 2; In each subsequent figure the design of leave rotating 45° and 90° clockwise respectively and new leaf is coming first forward side and then new leaf is coming next backward side. T sequence is also continuing further respective

38. 3; In each subsequent figure all designs are slid half side clockwise and one design of backside front side are coming new first and then one des of second place from backside and frontside also coming new in the next and then rest of mi three designs are coming new. These chang sequences are also continuing further respecti

39. 4; In each subsequent figure the designs 'S' and made on the two lower side of hexagonal remain the same place and the designs made on rest of

side come inside to outside and outside to inside and then the designs made on two side of middle remain on the same place and then the designs made on two side of upper side remain on the same place and rest of four designs come inside to outside and outside to inside. This sequence continues further respectively.

40. 5; In each subsequent figure all designs slide half side anticlockwise and also change their formation as follows—
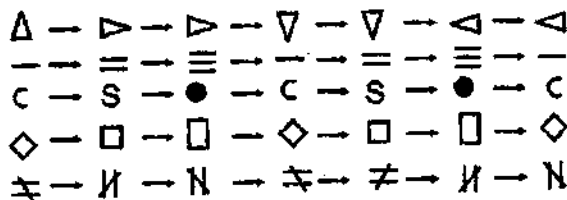
41. 5; The design rotates 180° from element I to element II of figure.

42. 5; The design rotates 90° clockwise and then reverses vertically in element II from element I of the figure.

43. 3; In element II of figure a new design comes outside of the design element I like this that inside design touches the design of outside.

44. 5; In element II of figure, the lower side design comes inside the upper side design similarly out of the two designs of element I.

45. 4; In element II of figure, the lower left part becomes shaded out of four equal part of the design of element I.

46. 2; In each subsequent figure, 2, 1, 2, 1 and 2 parts out of different parts on the design are becoming more shaded in anticlockwise direction and 5, 4, 5, 4 and 5 parts are becoming shaded from frontside in the same direction from last shaded part each time with this also.

47. 5; In each subsequent figure the three designs slide half-half side in this sequence ' ⌐ ' and the designs of frontside and backside rotate 90° clockwise each time and the middle design rotates 90° anticlockwise.

48. 1; In each subsequent figure the five designs come after reversing and remain same on the same place as follows, where meaning of 'R' is reversing and meaning of 'S' remain same—

| ●R	●S	●R	●S	●R
●S	●R	●S	●R	●R
●R	●S	●R	●R	●S
●S	●R	●R	●S	●R
●R	●R	●S	●R	●S
(1) to (2)	(2) to (3)	(3) to (4)	(4) to (5)	(5) to (6)

49. 4; In each subsequent figure the inside designs of the design of pentagon are sliding as follows—
The design 'o' slides one-one side anticlockwise

two times then comes on the same last one place and then slides similarly.
The design '▲' comes after sliding one side clockwise each time. The design '■' slides three times one side anticlockwise and then slides two side clockwise. So now this will slide one side in next figure.
On the basis of above three designs the next correct answer figure will be (4).
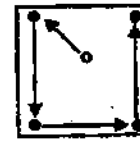
50. 3; In each subsequent figure the designs are sliding as follows and a new design comes at the place of N—

(1) to (2)   (2) to (3)
(3) to (4)   (4) to (5)
(5) to (6)
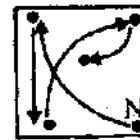
51. 2; $(-251 \times 21 \times -12) \div ? = 158.13$

$$\Rightarrow \frac{63252}{?} = 158.13$$

$$\therefore ? = \frac{63252}{158.13} = 400$$

52. 2; $\frac{25.6}{100}$ of $250 + \sqrt{?} = 119$

$$\Rightarrow 64 + \sqrt{?} = 119$$

$$\Rightarrow \sqrt{?} = 119 - 64 = 55$$

$$\therefore ? = (55)^2 = 3025$$

53. 3; $? = 36865 + 12473 + 21045 - 44102$
$= 26281$

54. 5; $(15.20)^2 - 103.04 \div ? = 8$

$$\Rightarrow 231.04 - \frac{103.04}{?} = 8$$

$$\Rightarrow -\frac{103.04}{?} = 8 - 231.04 = -223.04$$

$$\therefore ? = \frac{-103.04}{-223.04} = 0.46$$

55. 2; $\therefore ? = \frac{0.4 \times 1.5}{0.2} = 3$

56. 1; $7428 \times \frac{3}{4} \times \frac{2}{9} \times ? = 619$

$$\therefore ? = \frac{619 \times 4 \times 9}{7428 \times 3 \times 2} = \frac{22284}{44568} = 0.5$$

57. 1; $? = (560 \div 32) \times (720 \div 48)$
$= 17.5 \times 15 = 262.5$

58. 3; $748 \times ? \times 9 = 861696$

$\therefore ? = \dfrac{861696}{748 \times 9} = 128$

59. 4; $\dfrac{3.2}{100} \times 500 \times \dfrac{2.4}{100} \times ? = 288$

$\therefore ? = \dfrac{288 \times 100 \times 100}{500 \times 3.2 \times 2.4} = 750$

60. 5; $? = 333 \times 33 \times 3 = 32967$

61. 5; $(36)^2 + (47)^2 \div ? = 28.04$

$\Rightarrow 1296 + \dfrac{2209}{?} = 28.04$

$\therefore \dfrac{2209}{?} = 28.04 - 1296 = -1267.96$

$\therefore ? = \dfrac{2209}{-1267.96} = -1.74$

62. 5; $\sqrt[3]{?} = (28 \times 24) \div 14$

$= \dfrac{28 \times 24}{14} = 48$

$\therefore ? = (48)^3 = 110592$

63. 1; $? = 14785 - 358 - 4158 - 9514$
$= 755$

64. 3; $? = 156 + 328 \times 0.8$
$= 156 + 262.4 = 418.4$

65. 2; $? = 1148 \div 28 \times 1408 \div 32$

$= \dfrac{1148}{28} \times \dfrac{1408}{32}$

$= 41 \times 44 = 1804$

66. 3; $? = \sqrt[3]{148877} = 53$

67. 5; $? = 1425 + 8560 + \dfrac{1680}{200}$

$= 1425 + 8560 + 8.4$
$= 9993.4$

68. 5; $? = [(12)^2 \times (14)^2] \div (16)^2$

$= \dfrac{144 \times 196}{256} = 110.25$

69. 4; $? = 2 + 3 + \dfrac{4}{25} + \dfrac{1}{5}$

$= 5 + \dfrac{9}{25} = 5\dfrac{9}{25}$

70. 1; $\sqrt{?} \times \sqrt{3025} = 2695$

$\sqrt{?} \times 55 = 2695$

$\sqrt{?} = \dfrac{2695}{55} = 49$

$\therefore ? = (49)^2 = 2401$

71. 5; $7413 {\,}_{+9} \; 7422 {\,}_{+18} \; 7440 {\,}_{+27} \; \boxed{7467} {\,}_{+36} \; 7503 {\,}_{+45} \; \blacktriangleleft$

72. 4; $4 = (2)^2$
$16 = (4)^2$
$36 = (6)^2$
$64 = (8)^2$
$100 = (10)^2$
$\boxed{144} = (12)^2$

73. 1; $12 {\,}_{\times 3 - 3} \; 33 {\,}_{\times 3 - 3} \; 96 {\,}_{\times 3 - 3} \; \boxed{285} {\,}_{\times 3 - 3} \; 852 {\,}_{\times 3 - 3} \; 2553$

74. 3; $70000 {\,}_{\div 5} \; 14000 {\,}_{\div 5} \; 2800 {\,}_{\div 5} \; \boxed{560} {\,}_{\div 5} \; 112 {\,}_{\div 5} \; 22.4$

75. 2; $102 \quad 99 \quad 104 \quad 97 \quad 106 \quad \boxed{95}$

76. 1; Let the original fraction be $\dfrac{x}{y}$

$\therefore \dfrac{x + 2x}{y + 1.2y} = \dfrac{4}{11}$

$\dfrac{3x}{2.2y} = \dfrac{4}{11}$

$\therefore \dfrac{x}{y} = \dfrac{4 \times 2.2}{11 \times 3} = \dfrac{4}{15}$

77. 4; $CI = P\left[\left(1 + \dfrac{R}{100}\right)^T - 1\right]$

$= 41250\left[\left(1 + \dfrac{6}{100}\right)^3 - 1\right]$

$= 41250\left(\dfrac{53 \times 53 \times 53 - 50 \times 50 \times 50}{50 \times 50 \times 50}\right)$

$= 41250\left(\dfrac{148857 - 125000}{125000}\right)$

$= \dfrac{41250 \times 23877}{125000} = Rs\ 7879$

3. 5; CP of the pair of trousers $= \dfrac{863+631}{2}$

$$= \dfrac{1494}{2} = \text{Rs } 747$$

3. 4; Let the length and breadth of the plot be 6x metre and 5x metre respectively.

$\therefore 6x - 5x = 34$

$\therefore x = 34$

$\therefore$ Perimeter of the plot $= 2\,(6 \times 34 + 5 \times 34)$

$\qquad\qquad = 748$ metre

3. 2; Let the investment of Ninad be Rs x

$\therefore$ Investment of Vikas = Rs 2x

and investment of Manav = Rs 3x

$\therefore$ Ratio of their investments

$$= x \times 12 : 2x \times 6 : 3x \times 4$$
$$= 12x : 12x : 12x = 1 : 1 : 1$$

$\therefore$ Manav's share in the profit $= \dfrac{1}{3} \times 45000$

$$= \text{Rs } 15000$$

. 3; Cost of 21 tables and 36 chairs $= 3 \times (48250)$

$$= \text{Rs } 144750$$

82. 3; Work of A for 1 day $= \dfrac{1}{12}$

Work of (A+ B) for 1 day $= \dfrac{1}{8}$

$\therefore$ Work of B for 1 day $= \dfrac{1}{8} - \dfrac{1}{12} = \dfrac{1}{24}$

$\therefore$ B alone can complete the same work in 24 days.

83. 3; $? = 6523 \div 544 \times 1.2$

$$= \dfrac{6523}{544} \times 1.2 = 14 \text{ (App.)}$$

84. 1; Let the distance covered by him each way be x km.

$$\dfrac{x}{45} - \dfrac{x}{50} = 1$$

$$\Rightarrow \dfrac{10x - 9x}{450} = 1$$

$\therefore x = 450$

85. 5; Let the number be x

$\therefore \dfrac{3}{4}$ of $\dfrac{2}{9}$ of $\dfrac{1}{5}$ of x = 249.6

$\therefore x = \dfrac{249.6 \times 5 \times 9 \times 4}{2 \times 3}$

$\therefore$ 50% of x $= \dfrac{249.6 \times 5 \times 9 \times 4}{2 \times 3} \times \dfrac{50}{100} = 3744$

86. 1; Actual average wt. $= \dfrac{75 \times 47 + 25 - 45}{75}$

$$= \dfrac{3525 - 20}{75} = \dfrac{3505}{75}$$
$$= 46.73 \text{ kg.}$$

87. 2; Reqd. different ways $= {}^7P_7$

$$= \lfloor 7$$
$$= 5040$$

88. 5; Let the number be 10x + y

$\qquad\qquad x + y = 12$

and $\qquad x - y = 6$

$\therefore \qquad x = 9$

and $\qquad y = 3$

or, $\qquad x = 3$

and $\qquad y = 9$

$\therefore$ Hence the no. may be 93 or 39.

89. 3; The amount each would get $= \dfrac{74336}{50}$

$$= \text{Rs } 496 \text{ (App.)}$$

90. 1; 170% of 1140 $= \dfrac{1140 \times 170}{100} = 1938$

91. 3; Total amount invested $= \dfrac{2100 \times 23}{6} = \text{Rs } 8050$

92. 2; Let the cost of 1 metre of cloth be Rs x.

$\therefore (x + 10) \times 145 = 12325$

$\therefore 145x + 1450 - 12325$

$\therefore x = \dfrac{12325 - 1450}{145} = \text{Rs } 75$

93. 1; Total no. of candles $= 14 \times 7 \times 12 = 1176$

94. 2;

```
        8 1
   8 | 6 6 5 9
       6 4
 161 | 2 5 9
       1 6 1
         9 8
```

$\therefore$ Reqd no. $= 82 \times 82 - 6659 = 65$

95. 3; Let x and y be two numbers in which x is greater than y.

$\qquad\qquad xy = 1092$

and $\qquad (x + y) - (x - y) = 42$

$\Rightarrow \qquad 2y = 42$

$\Rightarrow \qquad y = 21$

$\therefore \qquad x = \dfrac{1092}{21} = 52$

96. 4; Principal amount $= \dfrac{SI \times 100}{T \times R}$

$$= \dfrac{8376 \times 100}{8 \times 6} = Rs\ 17450$$

97. 5; Let the numbers be x and y

$$2x + 3y = 36 \text{ and } 3x + 2y = 39$$

$$4x + 6y = 72$$
$$9x + 6y = 117$$
$$\therefore \quad 5x = 45$$
$$x = 9$$
$$2 \times 9 + 3y = 36$$

$$y = \dfrac{36 - 18}{3} = 6$$

$\therefore$ Smaller number is 6.

98. 5; Let the present ages of Arun and Deepak be x and y years respectively.

$$\therefore \qquad y - x = 14$$
$$\therefore \qquad x = y - 14$$

and, $\qquad \dfrac{x - 7}{y - 7} = \dfrac{5}{7}$

$$7x - 49 = 5y - 35$$
$$\Rightarrow \quad 7(y - 14) - 49 = 5y - 35$$
$$\Rightarrow \quad 7y - 98 - 49 = 5y - 35$$
$$\Rightarrow \quad 7y - 5y = 98 + 49 - 35$$
$$\therefore \qquad y = 56 \text{ years}$$

99. 5;
$$a = a$$
$$b = a + 2$$
$$c = a + 4$$
$$d = a + 6$$
and $\quad e = a + 8$
$$\therefore \quad a + d = a + a + 6 = 162$$

$$\Rightarrow \quad a = \dfrac{162 - 6}{2} = 78$$

$\therefore$ Sum of all numbers $= 78 + 80 + 82 + 84 + 86$
$$= 410$$

100. 4; $265 \times 348 = 92220$

101. 102. 103

104. During the 10th plan the annual rate of grow GDP has been estimated at 7.8%.

105. 106. 107. 108.3

109.

★★★★
Complete Answersheet given below

110.
111.5 112. 113. 114. 115.1
116.3 117. 118. 119.2 120.
121. 122. 123. 124 125.5
126.5 127.4
128.

129. 130.1
131.3 132. 133.7 134.2 135.
136.4 137. 138. 139.1 140.1
141.2 142.3 143.4 144.3 145.2
146.1 147.2 148.2 149.2 150.3
151.2 152.4 153.5 154.3 155.5
156.5 157.1 158.2 159.2 160.3
161.1 162.2 163.3 164.3 165.5
166. 1; Replace 'scheduled' with 'organising' or 'hold
167. 4; Change 'heavily' to 'heavy'.
168. 5
169. 2; Delete 'in' after 'invest'.
170. 3; Change 'dependence' to 'dependent'.
171. 1; Change 'taken' to 'was taking'
172. 2; Change 'to spend none' to 'spending some'.
173. 4; Replace 'of' with 'to'.
174. 2; Change 'waiting for' to 'awaiting'.
175. 1; Change 'when' to 'whether'.
176.3 177.3 178.3 179.1 180.
181.1 182.2 183.4 184.3 185.
186.1 187.2 188.5 189.2 190.
191.2 192.5 193.1 194.3 195.
196.5 197.3 198.2 199.1 200.

1	A	21	D	41	E	61	E	81	C	101	A	121	D	141	B	161	A	181	A
2	B	22	C	42	E	62	E	82	C	102	B	122	D	142	C	162	B	182	B
3	C	23	B	43	C	63	A	83	C	103	A	123	A	143	D	163	C	183	D
4	D	24	E	44	E	64	C	84	A	104	A	124	C	144	C	164	C	184	C
5	E	25	A	45	D	65	B	85	E	105	A	125	A	145	B	165	E	185	E
6	C	26	E	46	B	66	C	86	A	106	A	126	D	146	A	166	A	186	A
7	E	27	C	47	E	67	E	87	B	107	C	127	D	147	B	167	D	187	B
8	C	28	D	48	A	68	E	88	E	108	C	128	A	148	B	168	E	188	E
9	A	29	B	49	D	69	D	89	C	109	A	129	C	149	B	169	B	189	B
10	C	30	A	50	C	70	A	90	A	110	A	130	A	150	C	170	C	190	D
11	B	31	E	51	B	71	E	91	C	111	E	131	C	151	B	171	A	191	B
12	A	32	E	52	B	72	D	92	B	112	C	132	D	152	D	172	B	192	E
13	D	33	E	53	C	73	A	93	A	113	A	133	B	153	E	173	D	193	A
14	E	34	C	54	E	74	C	94	B	114	B	134	B	154	C	174	B	194	C
15	C	35	D	55	B	75	B	95	C	115	A	135	C	155	E	175	A	195	D
16	C	36	A	56	A	76	A	96	D	116	C	136	D	156	E	176	C	196	E
17	B	37	B	57	A	77	D	97	E	117	B	137	D	157	A	177	C	197	C
18	D	38	C	58	C	78	E	98	E	118	A	138	D	158	C	178	C	198	B
19	E	39	D	59	D	79	D	99	E	119	A	139	A	159	B	179	A	199	A
20	E	40	E	60	E	80	B	100	D	120	C	140	A	160	C	180	D	200	D