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SECTION – 1 : MENTAL ABILITY TEST

PART – I

Directions: In Question Nos.1 to 4, four figures (A), (B), (C) and (D) have been given in each question. Of these four figures, three figures are similar in some way and one figure is different. Select the figure which is different. Darken the circle for the answer in the OMR Answer Sheet against the number corresponding to the question.

1.				
	(A)	(B)	(C)	(D)
2.				
	(A)	(B)	(C)	(D)
3.				
	(A)	(B)	(C)	(D)
4.				
	(A)	(B)	(C)	(D)



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PART – II

Directions: In Question Nos.5 to 8, a question figure is given in question figure and four answer figures marked (A), (B), (C) and (D) are given. Select the answer figure which is exactly the same as the question figure and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

5. Question Figure



Answer Figure



(A)



(B)



(C)



(D)

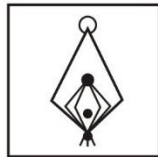
6. Question Figure



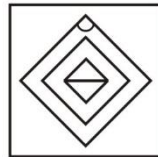
Answer Figure



(A)



(B)



(C)



(D)

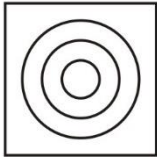


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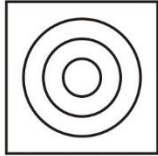
7. Question Figure



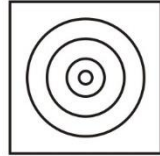
Answer Figure



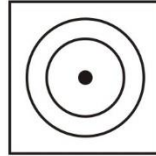
(A)



(B)



(C)

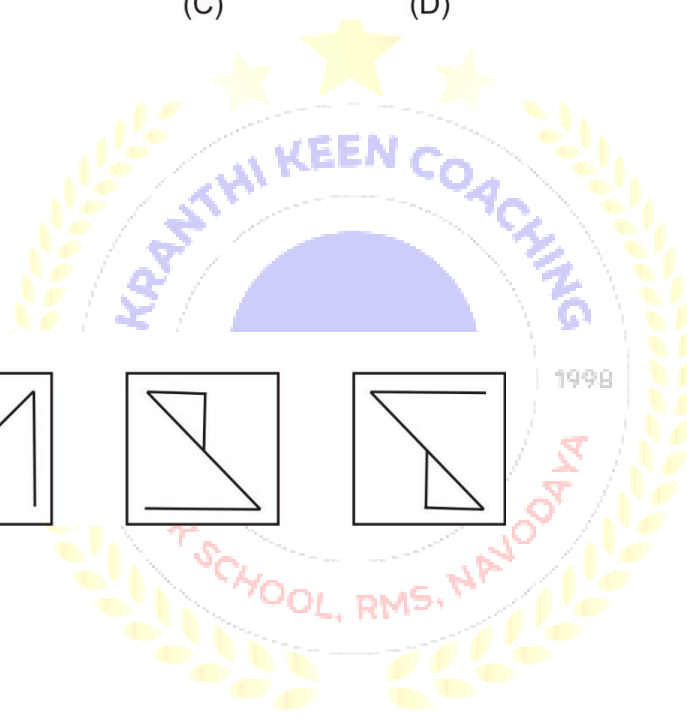
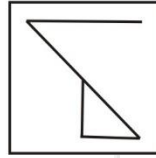
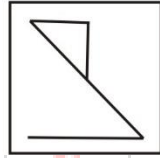
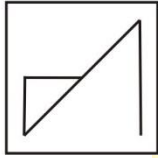


(D)

8. Question Figure



Answer Figure





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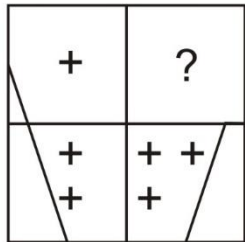
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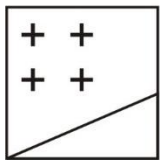
PART – III

Directions: In Question Nos. 9 to 12, there is a question figure, a part of which is missing. Observe the answer figures (A), (B), (C) and (D) and find out the answer figure which, without changing the direction, fits in the missing part of the question figure in order to complete the pattern in the question figure. Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

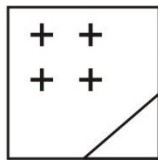
9. Question Figure



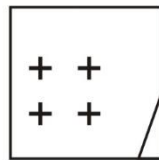
Answer Figure



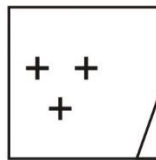
(A)



(B)

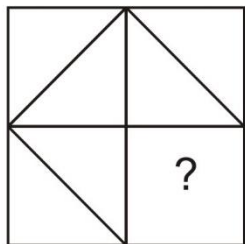


(C)

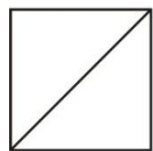


(D)

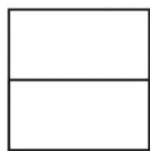
10. Question Figure



Answer Figure



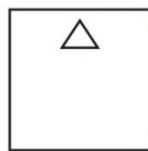
(A)



(B)



(C)



(D)

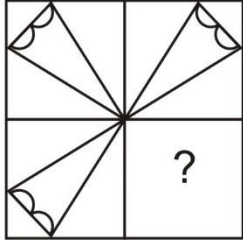


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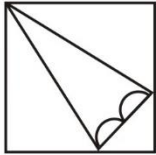
11. Question Figure



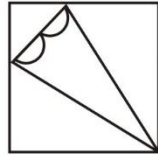
Answer Figure



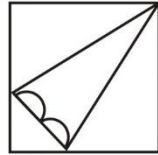
(A)



(B)

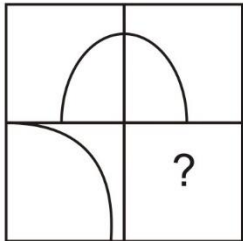


(C)

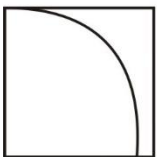


(D)

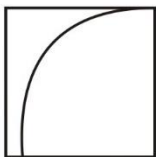
12. Question Figure



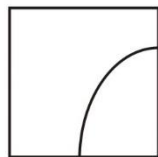
Answer Figure



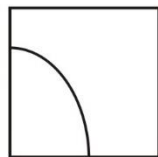
(A)



(B)



(C)



(D)



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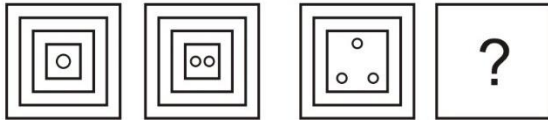
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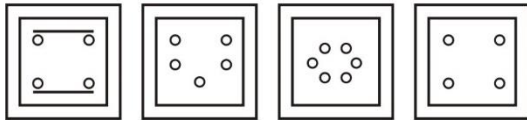
PART – IV

Directions: In Question Nos.13 to 16, there are three question figures on the left side and the space for the fourth figure is left blank. The question figures are in a series. Find out one figure from among the answer figures given on the right side which occupies the blank space for the fourth figure on the left side and completes the series. Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

13. Question Figure



Answer Figure



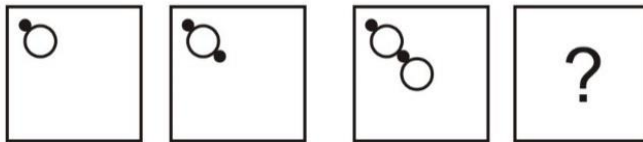
(A)

(B)

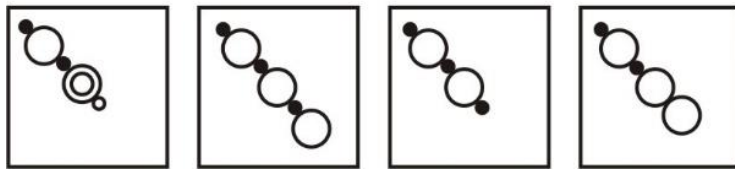
(C)

(D)

14. Question Figure



Answer Figure



(A)

(B)

(C)

(D)

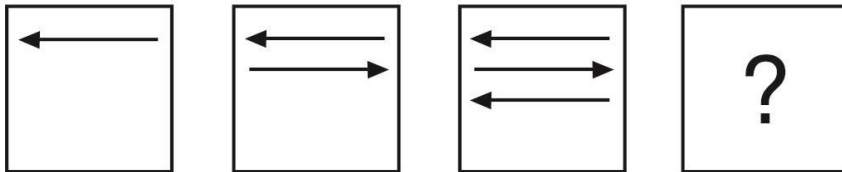


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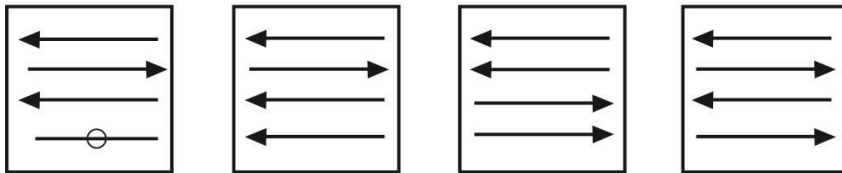
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15. Question Figure



Answer Figures



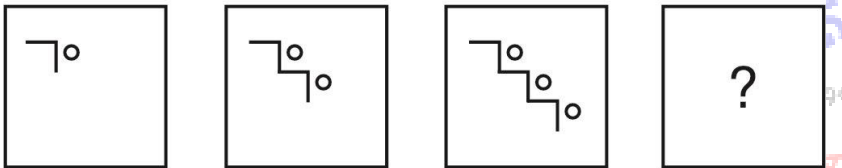
(A)

(B)

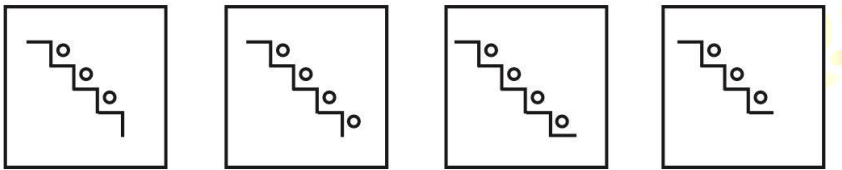
(C)

(D)

16. Question Figure



Answer Figures



(A)

(B)

(C)

(D)



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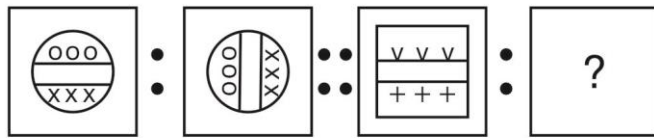
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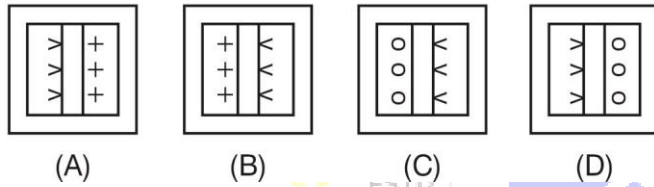
PART – V

Directions: In Question Nos.17 to 20, there are two sets of two question figures each. The second set has an interrogation mark (?). There exists a relationship between the first two question figures. Similar relationship should exist between the third and the fourth question figure. Select one of the answer figures which replaces the mark of interrogation. Darken the circle in the OMR Answer Sheet against the number corresponding to the question.

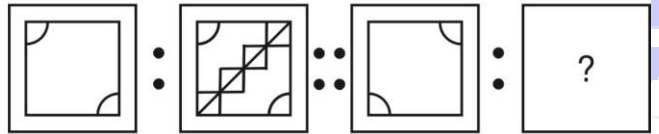
17. Question Figure



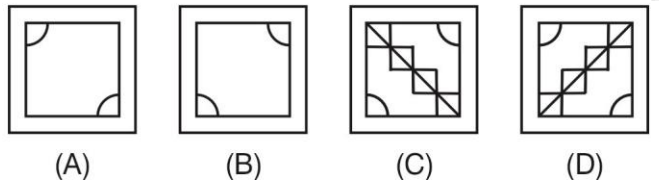
Answer Figures



18. Question Figure



Answer Figures



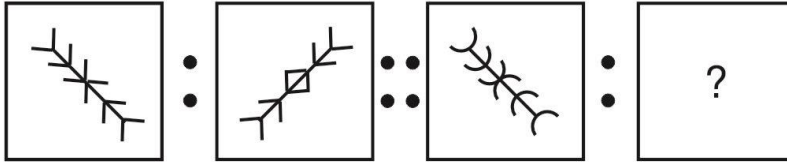


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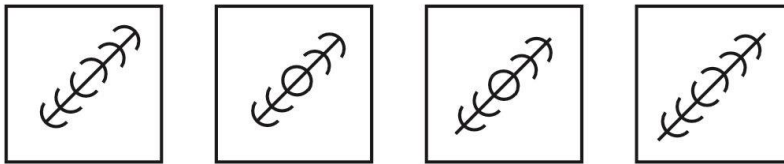
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19. Question Figure



Answer Figures



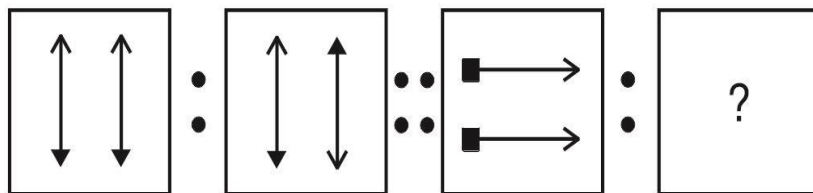
(A)

(B)

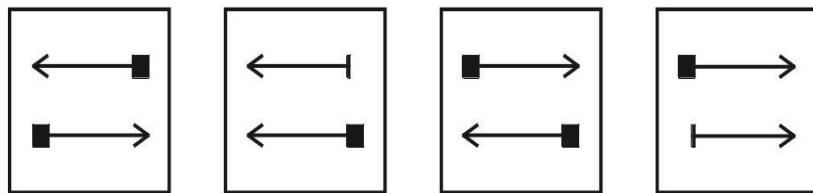
(C)

(D)

20. Question Figure



Answer Figures



(A)

(B)

(C)

(D)



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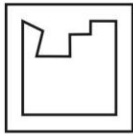
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PART – VI

Directions: In Question Nos.21 to 24, one part of a geometrical figure (Triangle, Square, Circle) is given as question figure and the other one is among the four answer figures (A), (B), (C) and (D). Find the figure that completes the geometrical figure and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

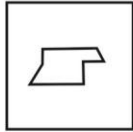
21. Question Figure



Answer Figures



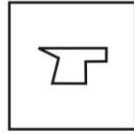
(A)



(B)

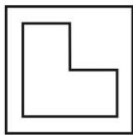


(C)

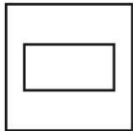


(D)

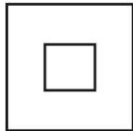
22. Question Figure



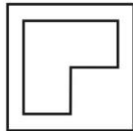
Answer Figures



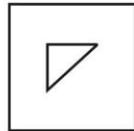
(A)



(B)



(C)



(D)

23. Question Figure



Answer Figures



(A)



(B)



(C)



(D)

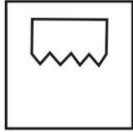


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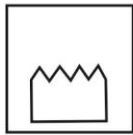
24. Question Figure



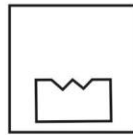
Answer Figures



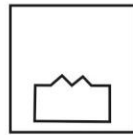
(A)



(B)



(C)

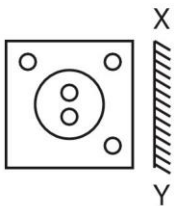


(D)

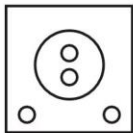
PART – VII

Directions: In Question Nos.25 to 28, there is question figure is given and four answer figures marked (A), (B), (C) and (D) are given. Select the answer figure which is exactly the mirror image of the question figure when the mirror is held at XY. Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

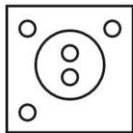
25. Question Figure



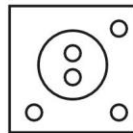
Answer Figures



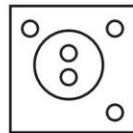
(A)



(B)



(C)



(D)

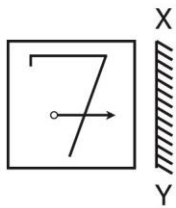


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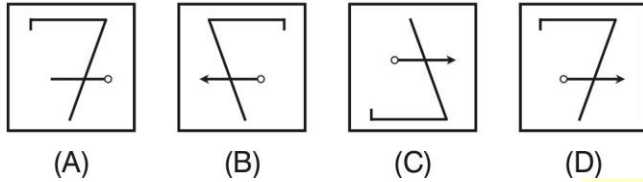
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26. Question Figure



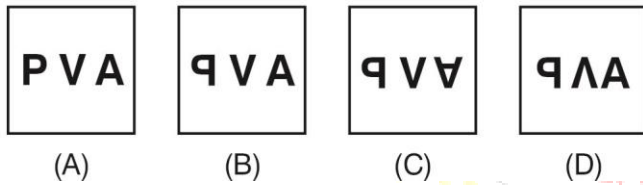
Answer Figures



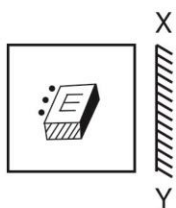
27. Question Figure



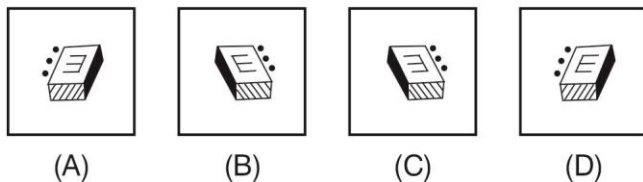
Answer Figures



28. Question Figure



Answer Figures





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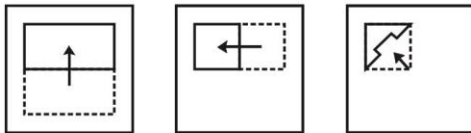
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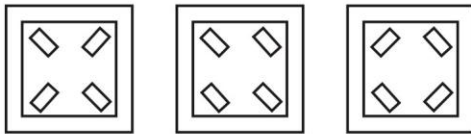
PART – VIII

Directions: In Question Nos. **29** to **32**, a piece of paper is folded and punched as shown in the question figures, and four answer figures marked (A), (B), (C) and (D) are given. Select the answer figure which indicates how the paper will appear when opened (unfolded). Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

29. Question Figure



Answer Figures



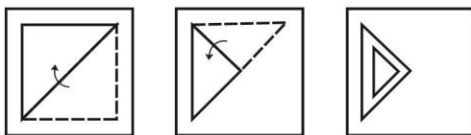
(A)

(B)

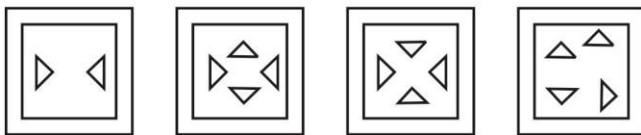
(C)

(D)

30. Question Figure



Answer Figures



(A)

(B)

(C)

(D)

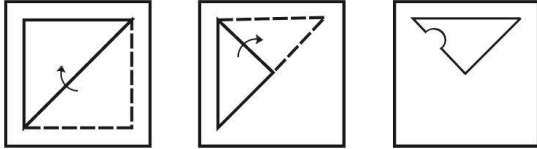


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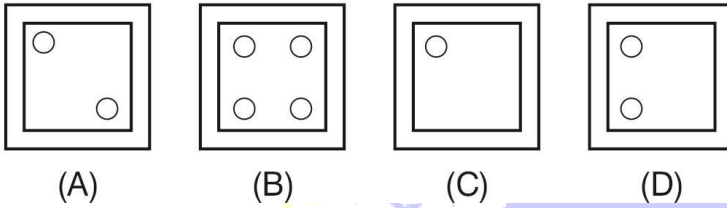
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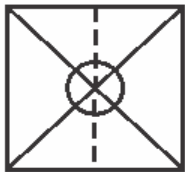
31. Question Figure



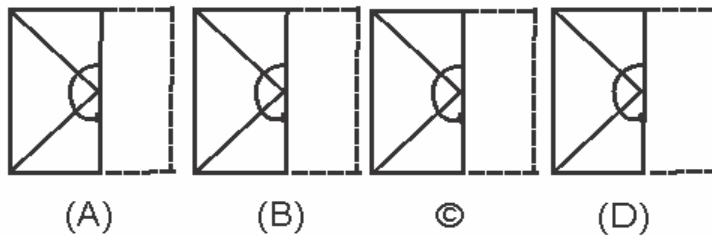
Answer Figures



32. Question Figure



Answer Figures





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PART – IX

Directions: In Question Nos.33 to 36, a question figure is given and four answer figures marked (A), (B), (C) and (D) are given. Select the answer figure which can be formed from the cut-out pieces given in the question figure. Darken the circle in the OMR Answer Sheet against the number corresponding to the question.

33. Question Figure



Answer Figures



(A)



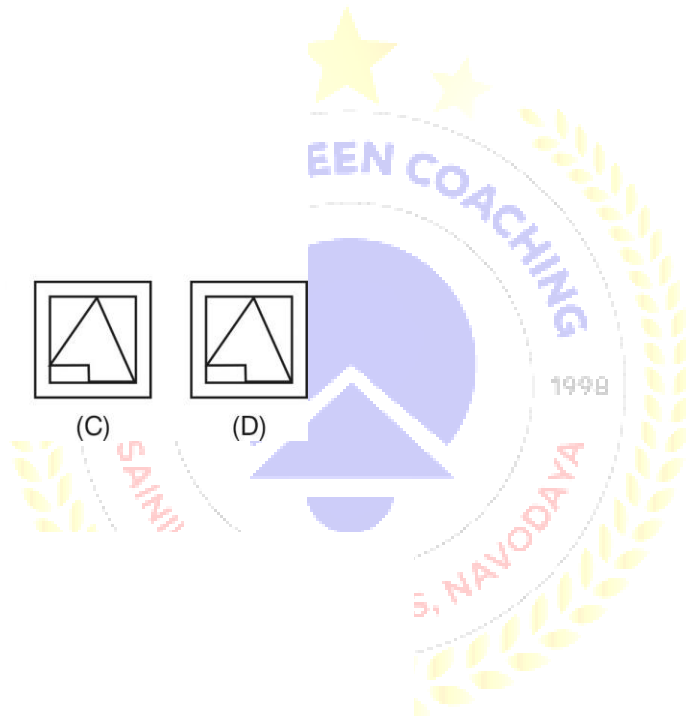
(B)



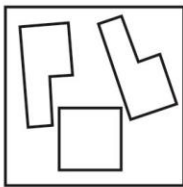
(C)



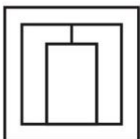
(D)



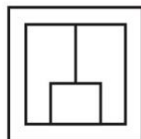
34. Question Figure



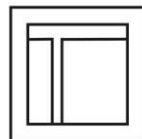
Answer Figures



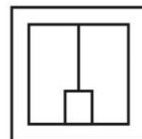
(A)



(B)



(C)



(D)

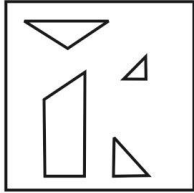


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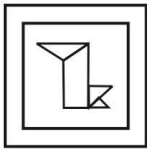
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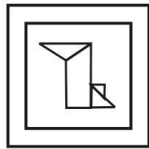
35. Question Figure



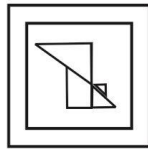
Answer Figures



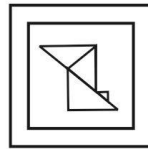
(A)



(B)

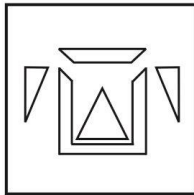


(C)

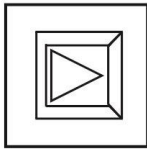


(D)

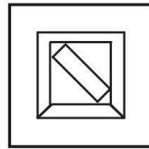
36. Question Figure



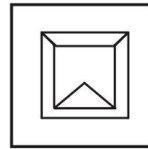
Answer Figures



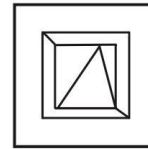
(A)



(B)



(C)



(D)



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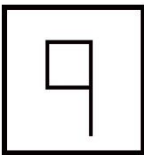
PART – X

Directions: In Question Nos.37 to 40, a question figure is given and four answer figures marked (A), (B), (C) and (D) are given. Select the answer figure in which the question figure is hidden/embedded. Darken the circle in the OMR Answer Sheet against the number corresponding to the question.

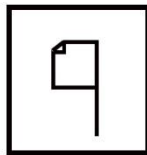
37. Question Figure



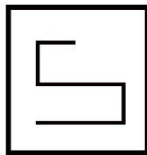
Answer Figures



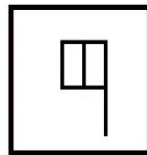
(A)



(B)



(C)



(D)

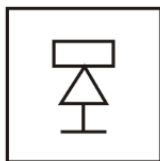
38. Question Figure



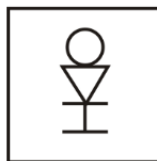
Answer Figures



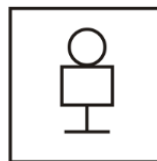
(A)



(B)



(C)



(D)

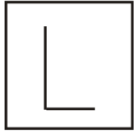


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39. Question Figure



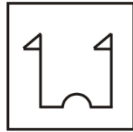
Answer Figures



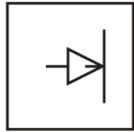
(A)



(B)

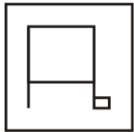


(C)

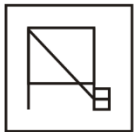


(D)

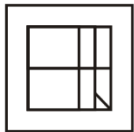
40. Question Figure



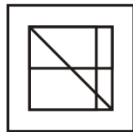
Answer Figures



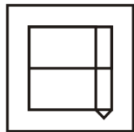
(A)



(B)



(C)



(D)

SECTION B: MATHEMATICS

41. Find the sum of all factors of 24

- a) 52 b) 60
c) 58 d) 48

42. The HCF of 124, 256 and 480 is

- a) 4 b) 6
c) 8 d) 12

43. Find the sum of all the prime number from 25 to 40

- a) 100 b) 97
c) 90 d) 110



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44. Which fraction is greater?

- a) $\frac{4}{6}$ b) $\frac{1}{6}$
c) $\frac{3}{8}$ d) $\frac{4}{7}$

45. Find the sum and simplify your answer

- $2\frac{1}{4} + 2\frac{1}{3}$
a) $3\frac{7}{12}$ b) $4\frac{7}{11}$
c) $3\frac{7}{11}$ d) $4\frac{7}{12}$

46. Which one of the following is not a proper factor?

- a) $\frac{1}{3}$ b) $\frac{2}{7}$
c) $\frac{17}{12}$ d) $\frac{15}{20}$

47. Solve and simplify your answer

- $\frac{2}{4} + \frac{2}{5} + \frac{3}{6} = \underline{\hspace{2cm}}$
a) $\frac{80}{60}$ b) $\frac{7}{5}$
c) $\frac{7}{4}$ d) None

48. Subtract $6\frac{2}{5} - 3\frac{1}{4} = \underline{\hspace{2cm}}$

- a) $3\frac{1}{20}$ b) $3\frac{3}{20}$
c) $2\frac{5}{20}$ d) None of these

49. How do you write four thousand using digits?

- a) 4 b) 4000
c) 400 d) None of these

50. (10 hundreds) + (10 ones) = _____ tens

- a) 10000 b) 101
c) 11000 d) 10100

51. $4 \times 4 \times 20 \times 20 = 80 \times \underline{\hspace{1cm}}$

- a) 80 b) 640
c) 120 d) 240

52. The greatest odd factor of 30 is _____

- a) 3 b) 36
c) 15 d) 18





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53. How many whole numbers are greatest than 9 and less than 60?

- a) 60 b) 50
c) 69 d) 59

54. Swetha goes to bed exactly 65 minutes after 8.30pm. At what time does Swetha go to bed?

- a) 9.15pm b) 9.55pm
c) 9.35pm d) 9.05pm

55. If 1×1 even or odd?

- a) Prime b) Even
c) Odd d) None

56. Which two factors are equivalent?

- a) $\frac{1}{3}$ and $\frac{2}{4}$ b) $\frac{1}{2}$ and $\frac{2}{4}$
c) $\frac{2}{4}$ and $\frac{2}{6}$ d) $\frac{1}{2}$ and $\frac{1}{4}$

57. Which number is smallest

- a) 3.999 b) 5.099
c) 4.009 d) 1.099

58. The value of $202 - 101 + 9$ is equal to

- a) 220 b) 110
c) 330 d) 444

59. Which of the following number is equal to 33 million

- a) 330 b) 33000000
c) 330000 d) 3300000

60. The largest number formed by arranging the digits of 5,4,2,9,1,3,6 is_____

- a) 9136542 b) 9654361
c) 9654321 d) None

SECTION C: LANGUAGE

COMPREHENSION PASSAGE:

Summer is the hottest and the longest season of the year where days are longer and nights are shorter. This is the season of bright sunlight, clear blue skies and warmth in the air. In spite of the heat, people enjoy Season by eating mangoes, summer cucumbers, papayas, watermelons etc to fight high temperatures Children enjoy the summer vacation with their friends, family and visit many places. Summer season is also best for farming and growing crops.



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61. In which season days are longer and nights are shorter?
a) Winter b) Spring c) Summer d) Rainy
62. According to passage do you think people enjoy summer season?
a) Yes b) No c) Maybe d) None
63. How do children spend their summer vacation?
a) Studying b) Playing with friends
c) Working d) Growing crops
64. Identify parts of speech - "Mangoes"
a) Verb b) Noun c) Pronoun d) All
65. This is the season of bright Sunlight, _____ and warmth.
a) Clear blue skies b) Bright c) Glows pink d) None

COMPREHENSION PASSAGE:

The Library is a Temple of Knowledge Library has a vast collection of books from all Kinds of themes and different subject matters. The person in charge of a Library is called a "Librarian". The role of the Librarian is to keep everything in order for the person who wants to gain knowledge from books. The Library helps Kids develop a love for books. Libraries are a forgotten source of knowledge today due to internet, but they still are equally important-

66. Why is that people forgot about the Library now-a-days?
a) Knowledge b) Internet c) Order d) Themes
67. The person who takes care of Library?
a) Teacher b) Engineer c) Librarian d) None of these
68. Choose the correct spelling.
a) devalop b) devlope c) develop d) develop
69. Which place is the "Temple of Knowledge"?
a) Hospital b) Library c) House d) All of these



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70. Identify parts of speech - "for"

- a) Adjective b) preposition c) Verb d) Conjunction

COMPREHENSION PASSAGE:

Nature is seen around made of us- everything trees, flowers, plants, animals, sky, mountains, forests and more. Human beings depend on nature to stay alive. Nature refers to the interaction between the physical world and the life within it like animals, birds, trees, pollards and humans. It also includes non-living things like landscape, coater and others. Nature is the heart of the earth It heals us and we have a strong bond emotional connection Serenity of with nature. The nature calms our heart.

71. You see everything around you what it is known as?

- a) Human being b) Water c) Nature d) Animals

72. Why do you think human being depend on nature?

- a) To include b) To Survive c) To see around d) None of these

73. What is mentioned as heart of the earth?

- a) Sky b) Mountains c) Forest d) None

74. Another word for "Serenity"

- a) Anger b) Quality c) Calmness d) Rude

75. Identify parts of speech - "It"

- a) Pronoun b) Verb c) Adverb d) Conjunction

COMPREHENSION PASSAGE:

Technology form of Science of the general population In Simple words is the most useful technology is when we take the concepts of science and transform them into gadgets and dive that are useful to us. Without, our lives would technology not have been simpler and easier. All the modernization in today's world is because of development in technology in different fields Some aspects of technology may have negative consequences better Proper if we use Fond technology in a Way.

76. According to passage technology is taken from the concept of Science?

- a) Yes b) No c) Maybe d) All of these



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77. What is transformed into gadgets and devices?

- a) Population b) Science c) Technology d) None

78. Opposite of the word “Modernization”

- a) New b) Energetic c) Various d) Outdated

79. What aspects may have negative consequence?

- a) Population b) Technology c) field d) None of these

80. Choose the correct spelling

- a) Devise b) Device c) Device d) None of these

