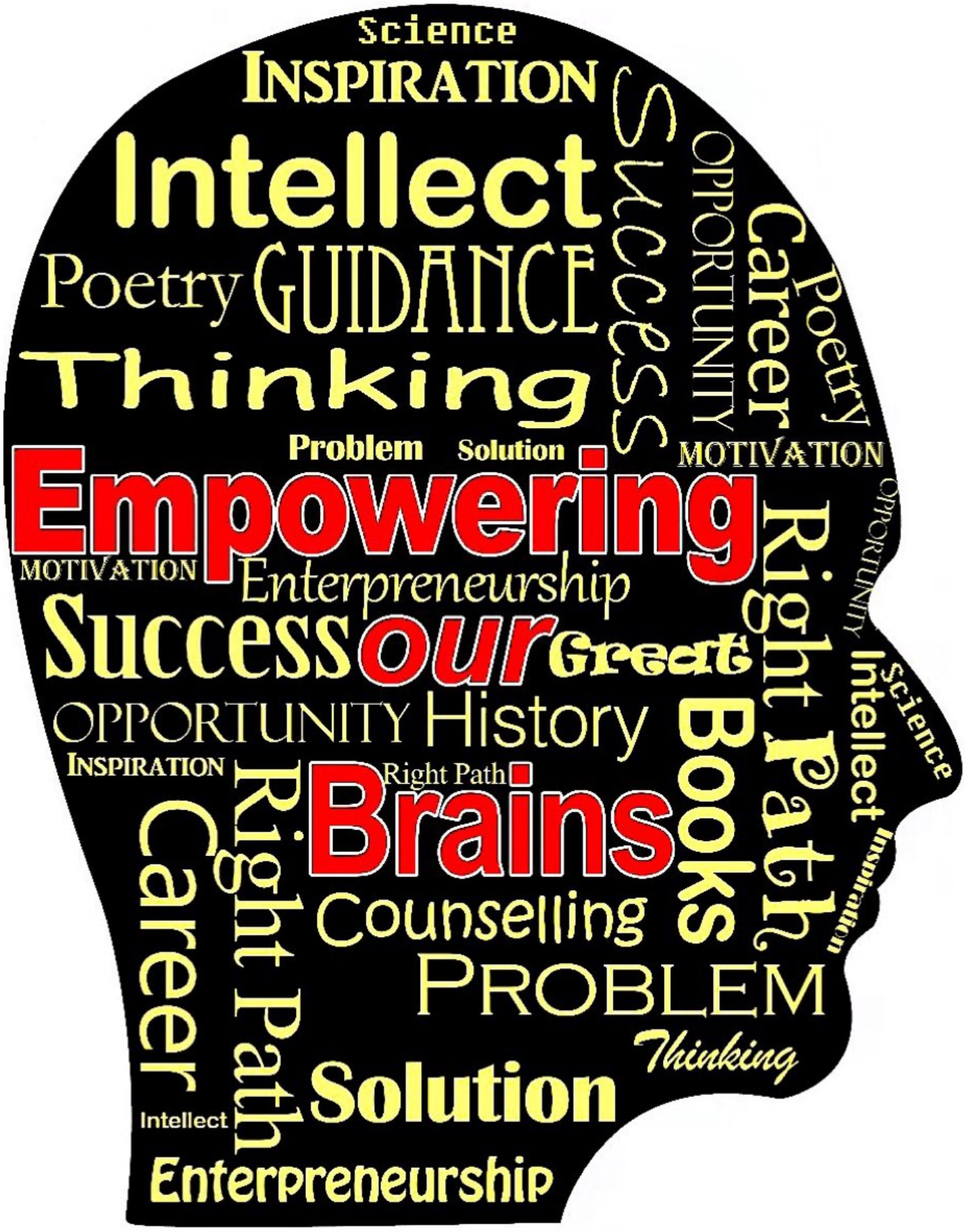
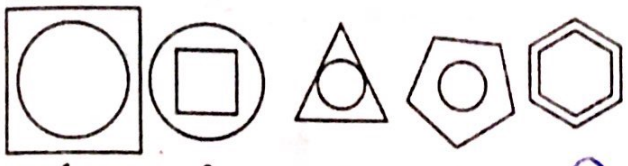


Non-Verbal Intelligence Tests

CLASSIFICATION

Direction: The following problem figures themselves are also the answer figures. Out of the five figures 1, 2, 3, 4, 5, four are similar in a certain way. One figure is not like the other four. Choose the figure which is different from the rest.

1.



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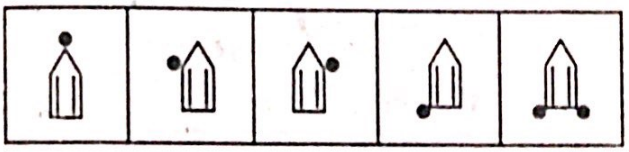

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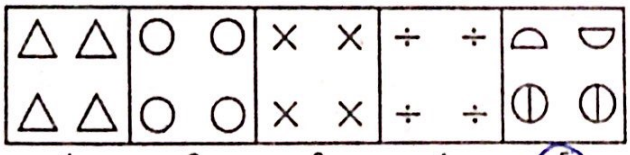

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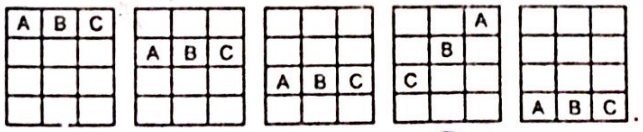

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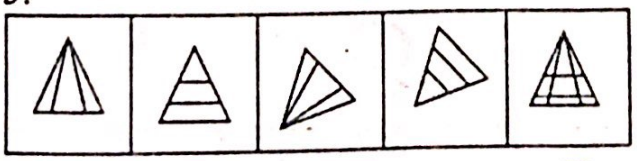

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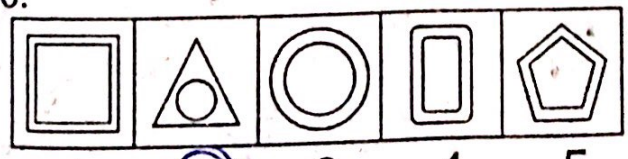

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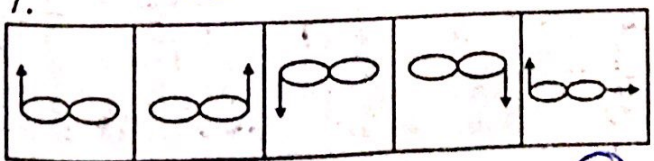

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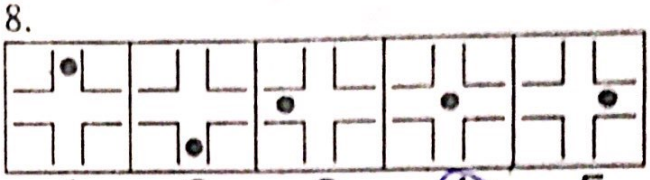

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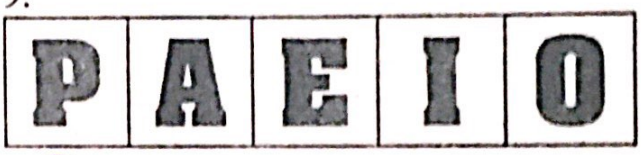

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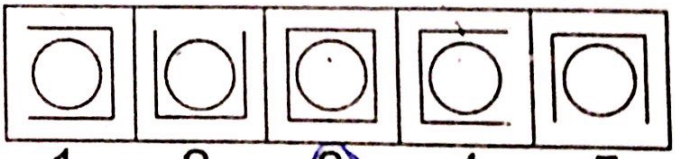

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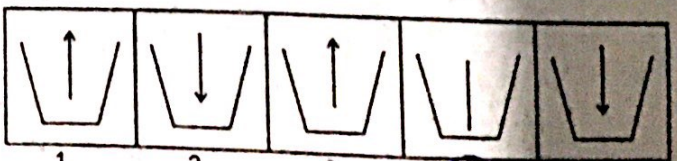
13.



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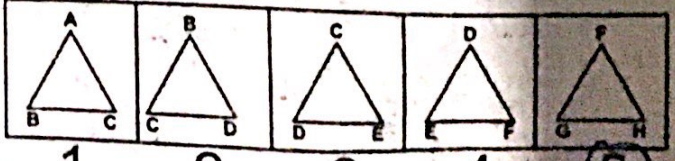

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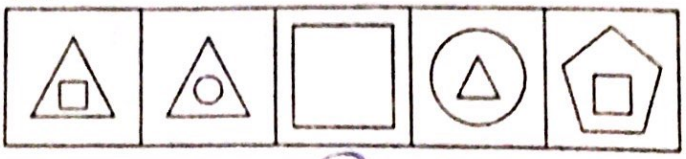

1 2 (3) 4 5

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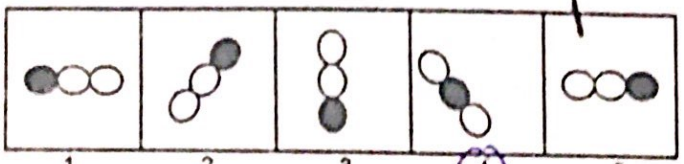

1 2 3 (4) 5

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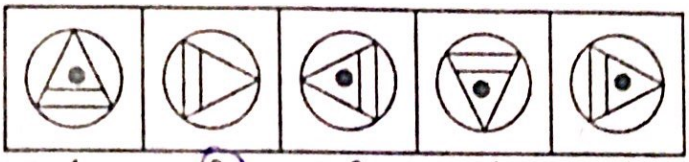

1 (2) 3 4 5

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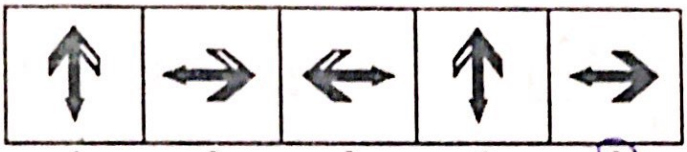

1 2 3 4 (5)

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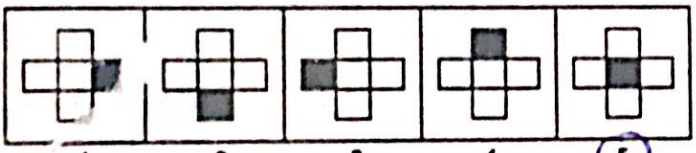

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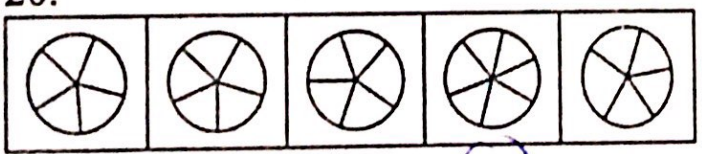

1 2 3 (4) 5

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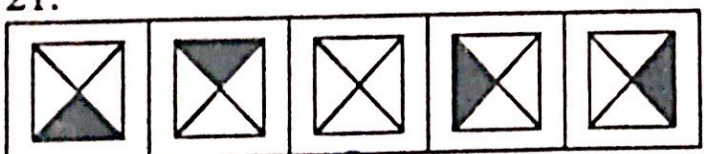

1 2 (3) 4 5

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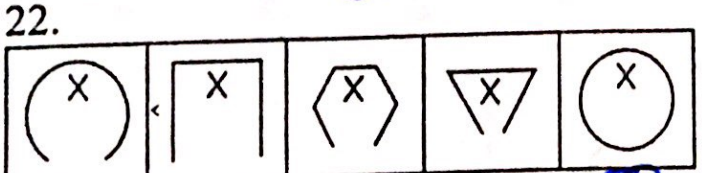

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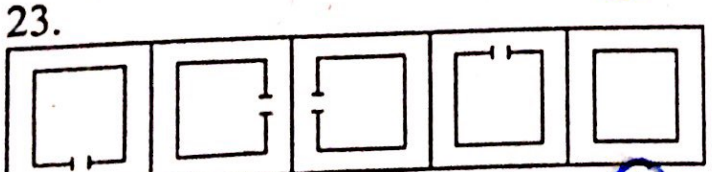

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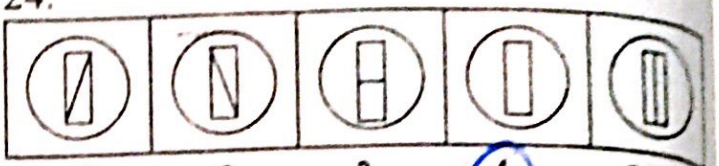

1 2 3 (4) 5

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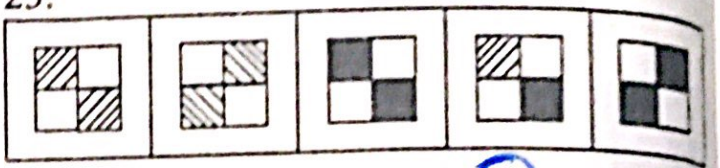

1 2 3 (4) 5

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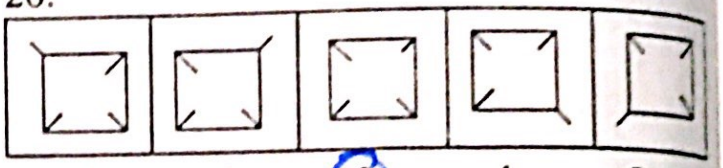

1 2 (3) 4 5

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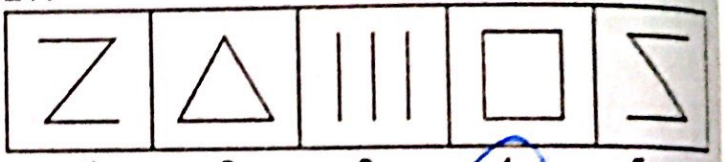

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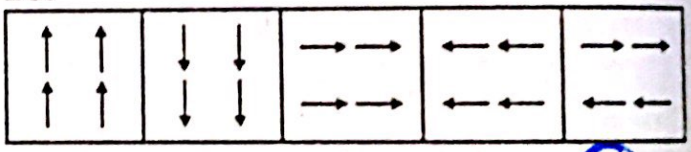

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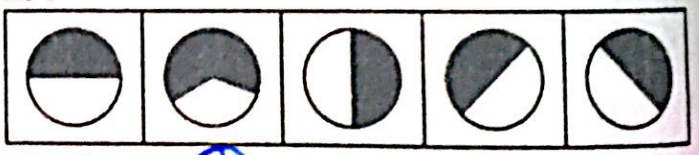

1 (2) 3 4 5

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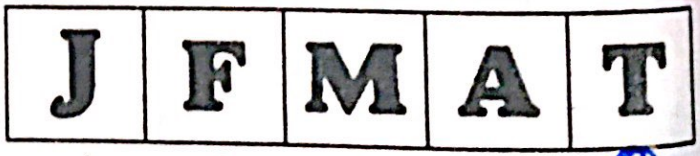

1 2 3 4 (5)

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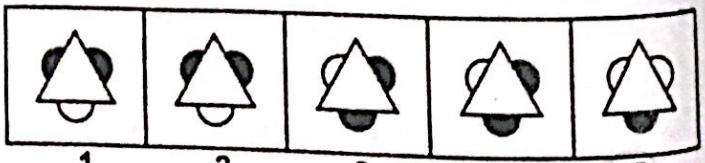

1 2 3 4 (5)

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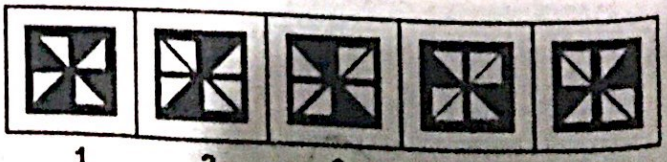

1 2 3 4 5

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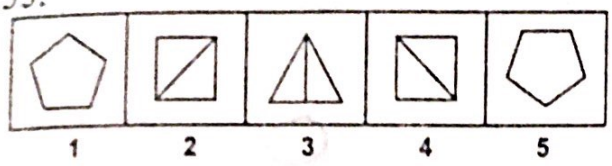

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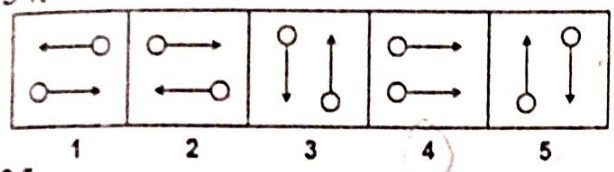

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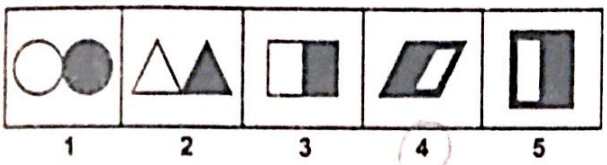
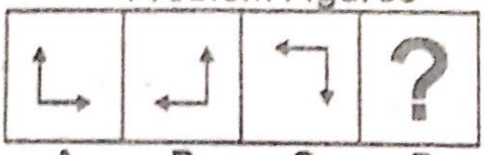


Explanatory Answers

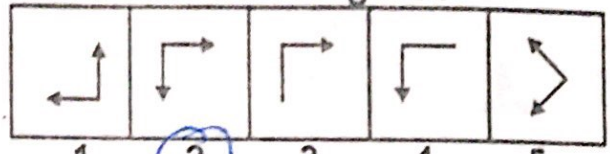
1. (5) Except figure 5, each figure is made up of two different types of units contain at least one circle. 2. (5) Figure 5 contains two circles whereas in all other figures only one circle is attached to the end. 3 (5) Except figure 5 all other figures contain identical figures in each square. 4 (4) Except in figure 4 each figure contains A, B and C are in the straight row horizontally. 5 (5) Except figure 5 each other triangle is divided into 3 parts whereas figure 5 is divided into more than three parts. 6 (2) Except figure 2, all other contain similar figures whereas figure 2 contains circle in triangle. 7 (5) All figures except 5 contain one arrow at one end. Figure 5 contains two arrow heads. 8 (4) Figure 4 contains dot in the centre of the crossing whereas in all other figures dots lie in the lane. 9 (1) A, E, I and O are vowels of English Alphabet whereas P is consonant. 10 (4) Except in figure 4, common part of the each figure is blackened. 11 (3) Circle is enclosed in a square whereas in all other one side of the square is opened. 12 (3) Figure 3 is closed whereas others are open. 13 (4) Except in figure 4, each other figure has arrow as indicator. 14 (5) Figures 1 to 4 are in systematic manner, ABC, BCD, CDE, DEF and figure 5 should have EFG as the name of the edges not FGH. 15 (3) All figures except figure 3 contain two different geometrical figures whereas figure 3 contains only one geometrical figure. 16. (4) In figure 4, central loop is blackened whereas in other figures side loop is blackened. 17 (2) Each figure except figure 2 contain dot inside the triangle. 18. (5) In figure 5, both parts are shaded whereas in other figures only one part is shaded. 19. (5) In figure 5 the central square is shaded whereas in others side squares are shaded. 20. (4) In figure 4, the circle is divided into five unequal parts. 21. (3) In figure 3, no portion is blackened whereas in other one-fourth part is blackened. 22. (5) Figure 5 is only a closed figure whereas other figures are opened. 23. (5) Except in figure 5, in all other figures squares are broken by an outlet. 24. (4) In all figures except figure 4, rectangle within the circle is divided into two units. 25. (4) In figure 4, one segment is shaded and one segment is blackened, whereas in all other figures either two segments are shaded or blackened. 26. (3) Except in figure 3, where all the bars are inside, in all other figures one bar is outside the rectangle. 27. (4) All figures except figure 4 are made up of three straight lines whereas figure 4 is made up of four straight lines. 28. (5) In figure 5, arrow heads point in different directions whereas in all other, figure arrow heads move in same direction. 29. (2) In figure 2, the shaded part is more than half whereas in all other it is half. 30. (5) J, F, M and A stand for January, February, March and April respectively while T does not stand for any month of the year. 31. (5) Except figure 5, each other figure contains two shaded balls whereas in figure 5, only one circular portion is shaded. 32. (3) The portion of the Swastik is different in figure 3. 33. (3) Figure 3 is made up of four straight lines whereas other figures are made up of five straight lines. 34. (4) In figure 4, both the arrow move in the same direction whereas in other figures, both the arrows indicate different direction. 35. (4) In figure 4, left half part of the figure is blackened whereas in all others the right-half of the picture is blackened.

Directions: In the problem figures, there is a definite relationship between figures A and B. Establish the similar relationship between figures C and D by choosing a suitable figure from the set of answer figures.

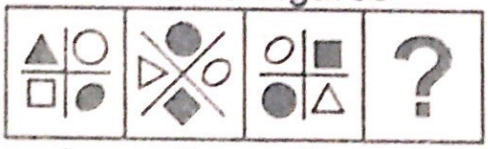
1. Problem Figures



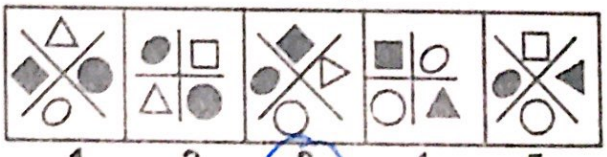
Answer Figures



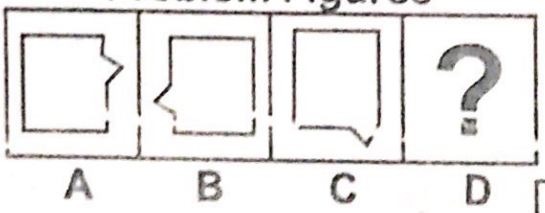
2. Problem Figures



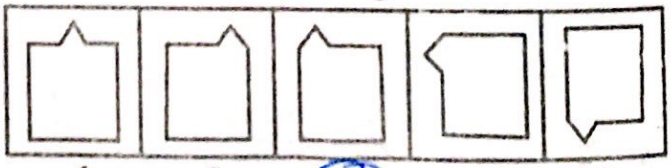
Answer Figures



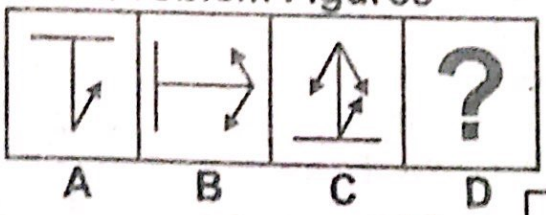
3. Problem Figures



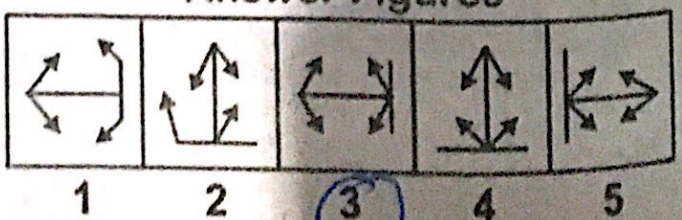
Answer Figures



4. Problem Figures



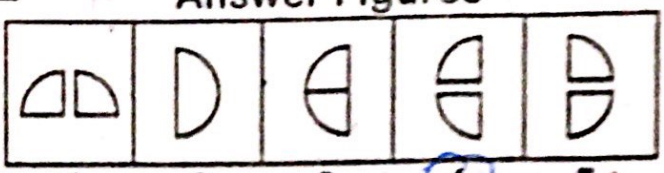
Answer Figures



5. Problem Figures

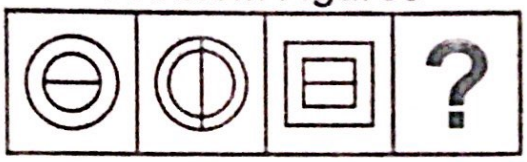
A B C D

Answer Figures



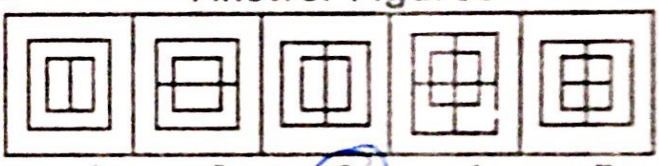
1 2 3 4 5

6. Problem Figures



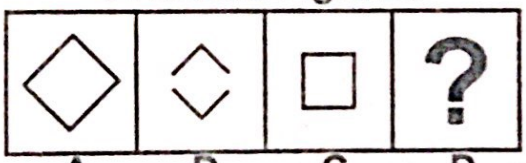
A B C D

Answer Figures



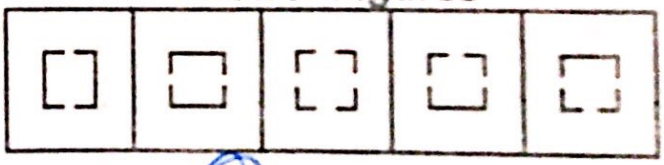
1 2 3 4 5

7. Problem Figures



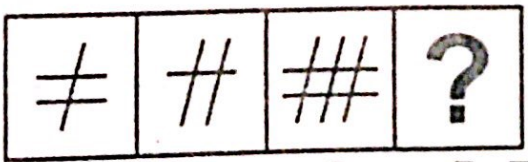
A B C D

Answer Figures



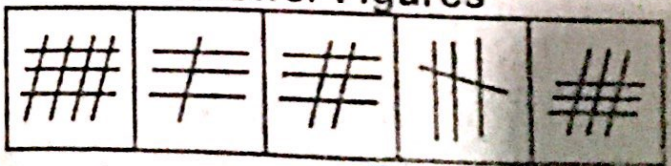
1 2 3 4 5

8. Problem Figures



A B C D

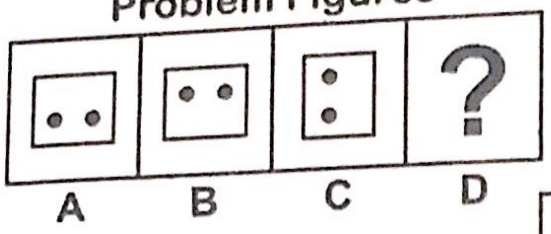
Answer Figures



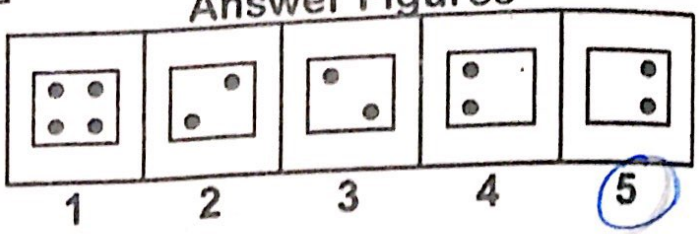
1 2 3 4 5

9.

Problem Figures



Answer Figures



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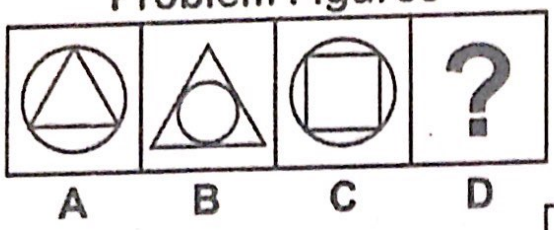
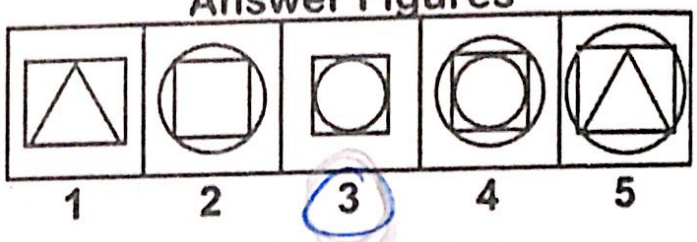
Problem Figures



Answer Figures



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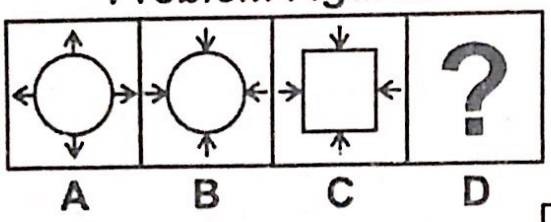
Problem Figures



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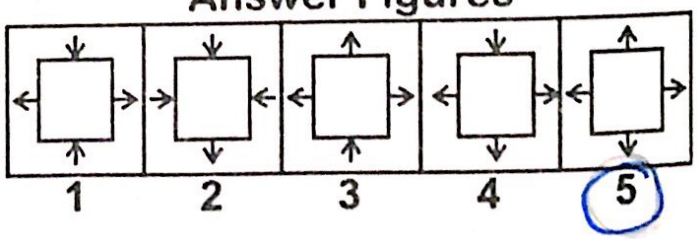

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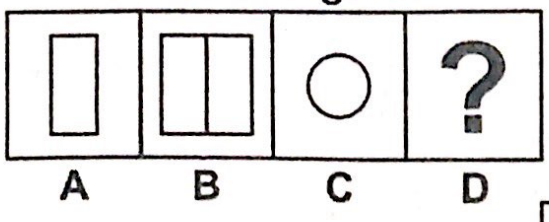

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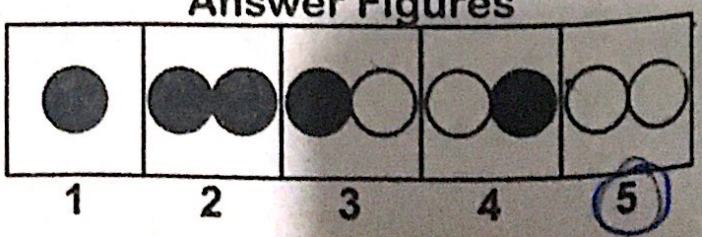

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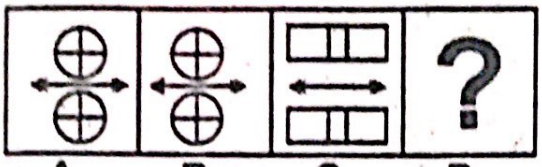
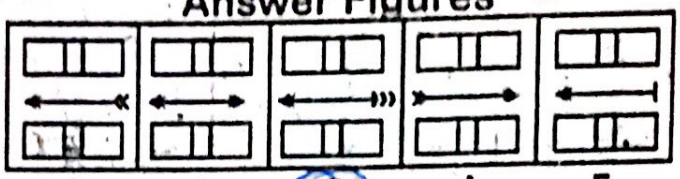


A B C D

Answer Figures



1 2 3 4 5

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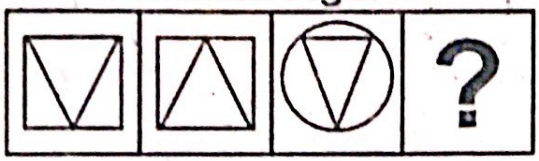

A B C D

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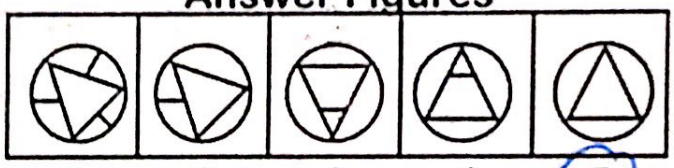

1 2 3 4 5

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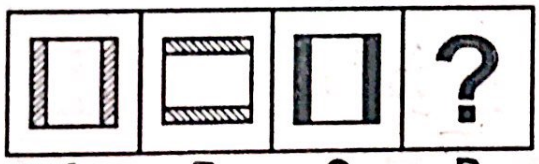

A B C D

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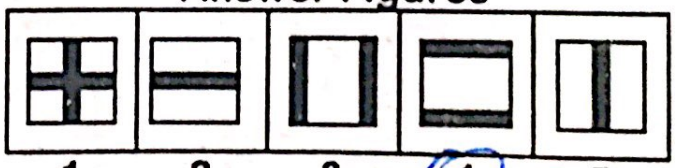

1 2 3 4 5

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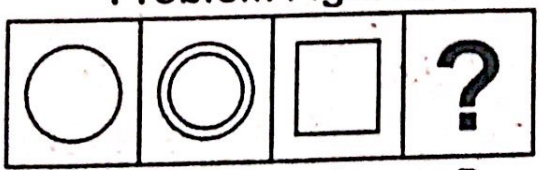

A B C D

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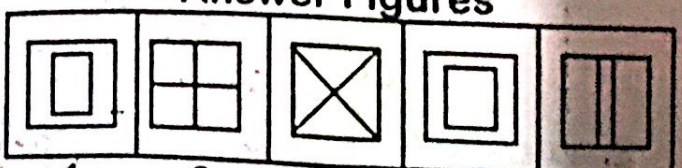

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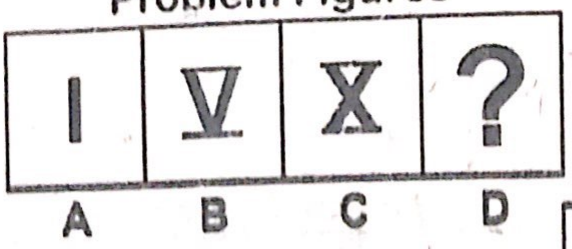

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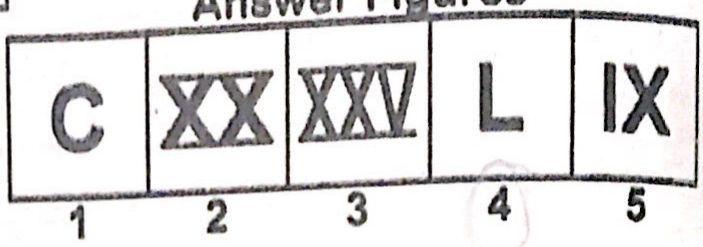

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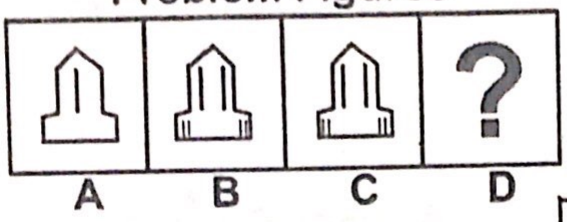

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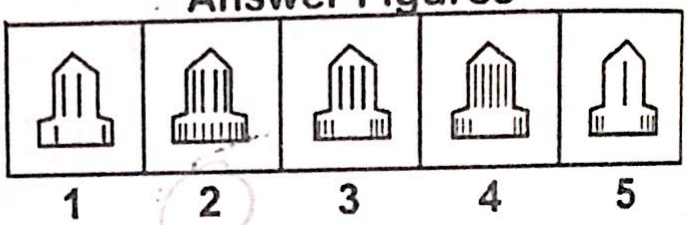

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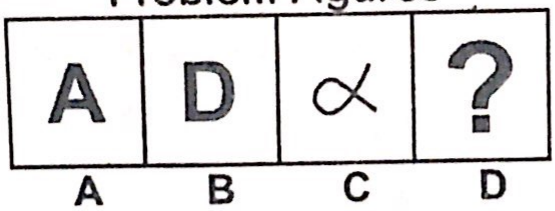

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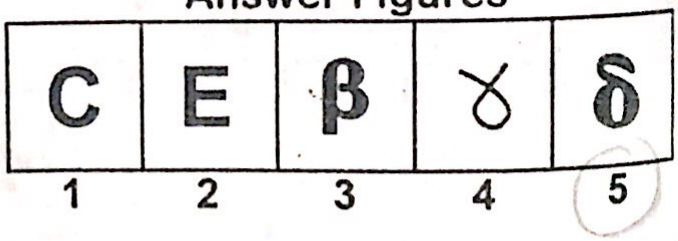

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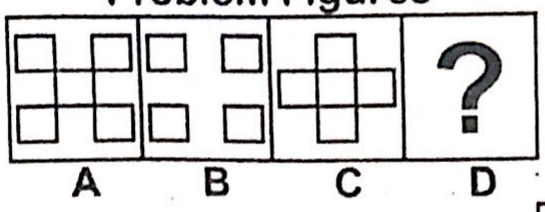

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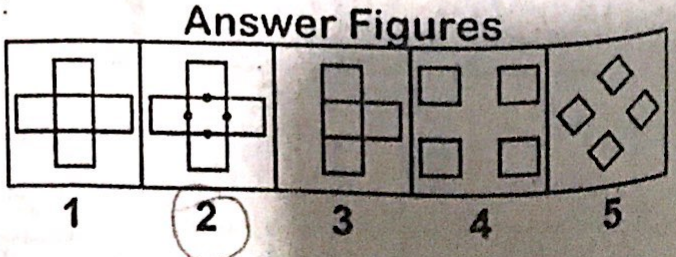

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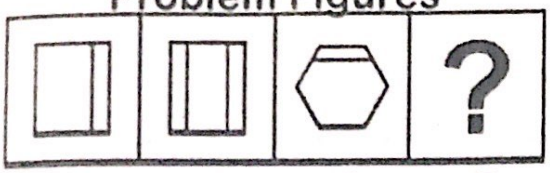
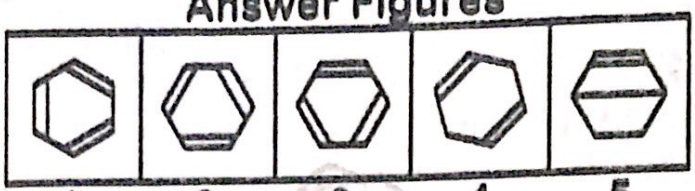


A B C D

Answer Figures



1 2 3 4 5

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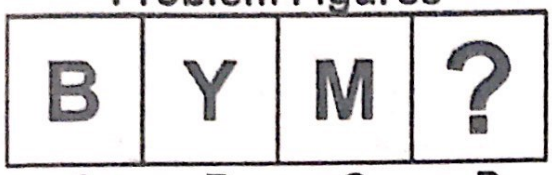
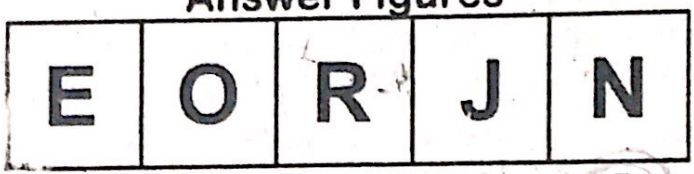


A B C D

Answer Figures



1 2 3 4 5

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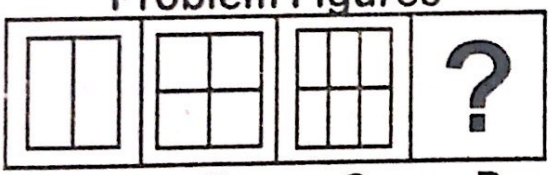
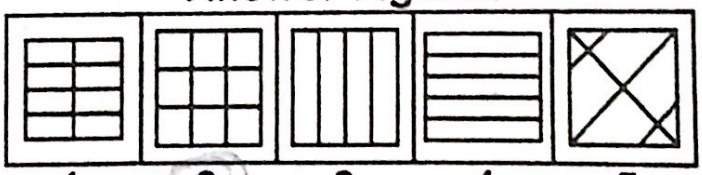


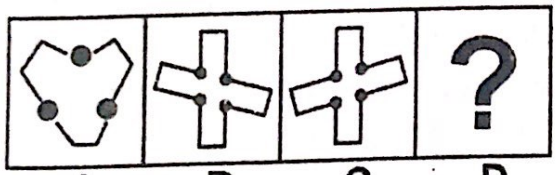
A B C D

Answer Figures



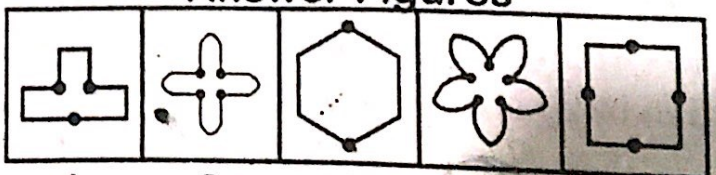
1 2 3 4 5

24.



A B C D

Answer Figures



1 2 3 4 5

Explanatory Answers

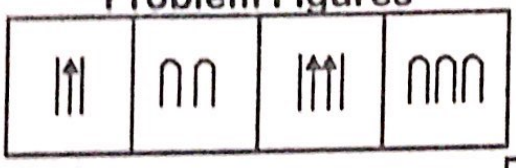
1. (2) Figure A is been rotated through an angle of 90° in the anti-clockwise direction gives figure B. On analogy, we get the answer figure 2 from the problem figure C. 2. (5) Figure A is rotated anti-clockwise through an angle of 45°. Black portion turns into white and vice versa to give figure B. On analogy, in figure C, give answer figure as 5. 3. (3) Figure B can be obtained from figure A by rotating it through an angle of 180°C. On analogy, answer figure is obtained by rotating figure C. 4. (3) Figure B can be obtained by rotating figure A by 90°, and adding one arrow. On analogy, the answer figure (3) is obtained by changing it 90° and adding one arrow. 5. (4) Figure B is obtained by dividing figure A into two equal parts and on analogy answer figure (4) is obtained by dividing the figure C into two equal parts. 6. (3) Figure B is rotated through an angle of 90° and the line in the middle is extended on both the sides to meet outer circle to get figure B. On analogy, changes in figure C give answer figure 3. 7. (2) Figure A is divided horizontally into two parts in figure B. Similarly, figure 2 in the answer figure can be substituted for figure C. 8. (3) Figure B is obtained by replacing the horizontal lines to slanting lines. Thus, figure 3 can be well-suited in the vacant space of figure D. 9. (5) Two dots are shifted to opposite sides of the other figure. Thus figure 5 is the correct choice as analogy to C. 10. (3) The position of triangle and circle in figure A has been interchanged in figure B. Similarly, square and circle have been interchanged in answer figure 3. 11. (5) The direction of arrow head when reversed in figure A gives the figure B. Similarly, when the direction of arrow head is reversed in figure C gives the answer figure 5. 12. (5) Figure B is double than the figure A. Similarly, when the figure C is double the answer figure 5 is an appropriate choice. 13. (3). The only difference in figure A and B is the shifting of one arrow head from left hand side to right hand side. Similar change is available in figure 3 which produces the solution. 14. (5) The position of triangle in figure 'A' is reversed in figure B. Similarly, the position of triangle in figure C, should be reversed in figure D. Hence, answer figure '5' (i) is the correct choice. 15. (4) Shaded portion in figure 'A' is along vertical sides and the shaded portion in figure B is along the horizontal side. The black portion in figure C is on the vertical sides. Thus, the black portion in figure D should be along the horizontal side. Hence, answer figure 4 is an appropriate choice. 16. (4) In figure 'A' there is one circle whereas in figure B there are two circles. Figure C contains one square. On analogy figure D should contain two squares. Hence, answer figure 4 is the correct choice. 17. (4) In the problem figure A, Roman Letter I is shown whereas in figure B letter V is shown, which is five-fold of A. In figure C, X is shown and hence in figure D 'L' is the right choice. 18. (2) The number of

vertical lines in figure B is double of figure 'A'. Similarly, in figure D I the vertical line should be double of figure C. Hence, answer figure 2 is the correct choice. 19. (5) In English alphabet A is to D and a similar relation exists in Greek alphabet between α and β. Hence, answer figure 5 is the correct choice. 20 (2) The central square when eliminated from figure 'A' gives figure B. Similarly, when we change the central square of figure C, we get answer figure 2. 21. (3) In figure A, stripes are attached to one side whereas in B, the stripes are attached to alternate sides. Similarly, in figure C, stripes are attached to one side and in figure 'D' there should be stripes attached to all the alternate sides. Hence, answer figure 3 is the correct choice. 22. (5) B is the second letter of English alphabet from the beginning and so is the case with Y from the end. M is the 13th letter from the beginning and 'N' is the 13th letter from the end. 23. (2) Figure B is obtained from figure A by adding one horizontal line. Similarly, figure D can be obtained by adding one horizontal line to figure C. We get answer figure 2 as correct choice. 24. (4) The figure 'A' is made up of three similar type units. Figure 'B' contains four similar type units, one more than the figure 'A'. Similarly, in figure D, there should be 5 similar units one more than given in figure C. Hence, answer figure 4 is the correct choice.

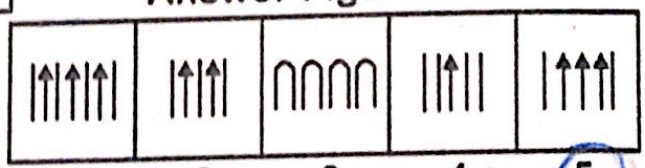
****

Directions: There are two sets of figures. One set is called problem figures. Other set is called answer figures. Problem set figures form some kind of series. What you have to do is to select one figure from the answer set figures which will continue the same series as given in the problem set figures.

1. Problem Figures

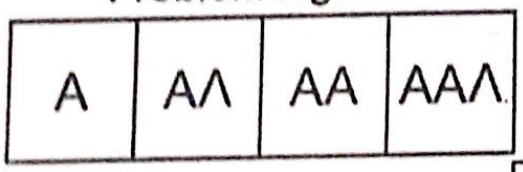


Answer Figures

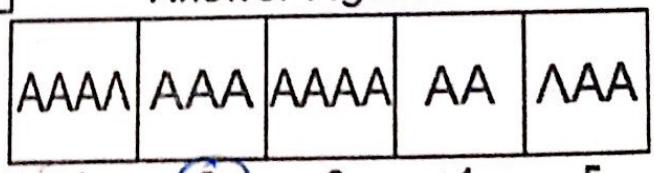


1 2 3 4 **5**

2. Problem Figures

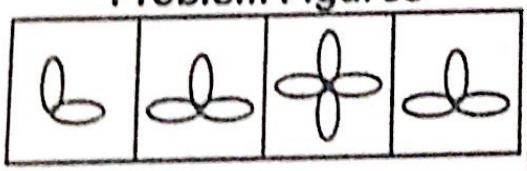


Answer Figures

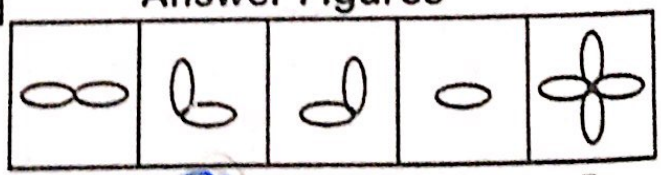


1 **2** 3 4 5

3. Problem Figures

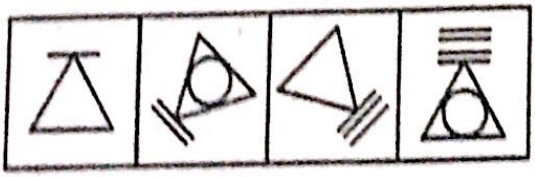


Answer Figures



1 **2** 3 4 5

4. Problem Figures



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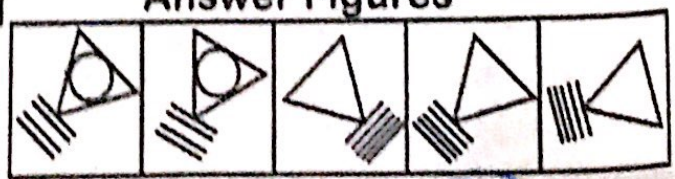
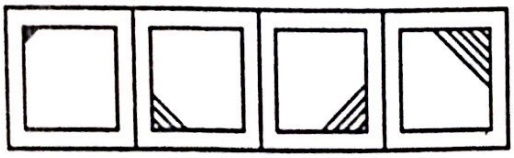


1 2 3 **4** 5

5. Problem Figures



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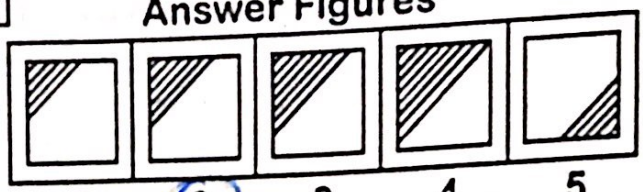
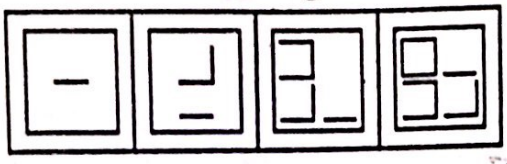


1 (2) 3 4 5

6. Problem Figures



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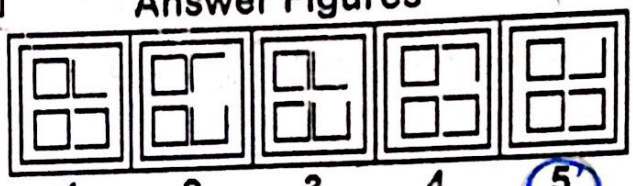

1 2 3 4 (5)

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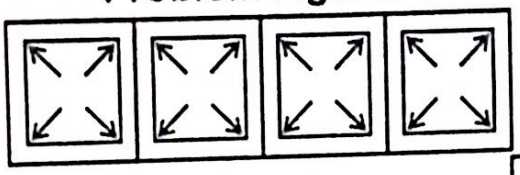

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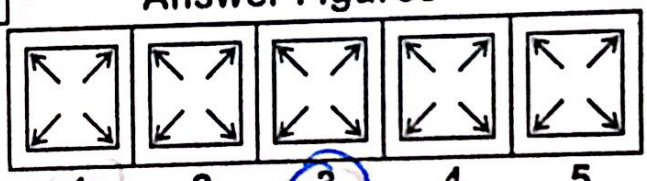
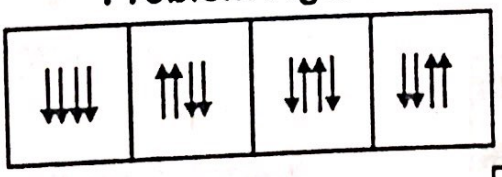


1 2 (3) 4 5

8. Problem Figures



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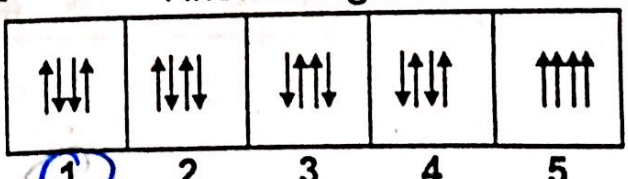
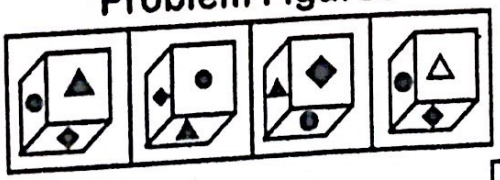


(1) 2 3 4 5

9. Problem Figures



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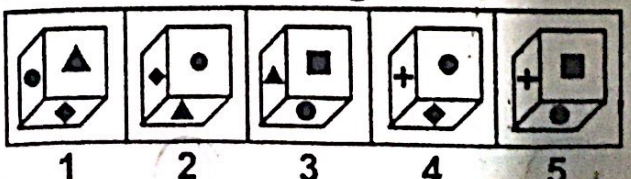
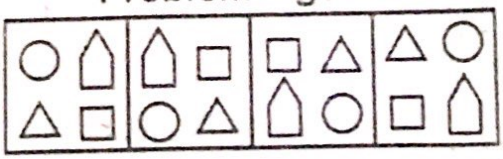


1 2 3 4 5

10. Problem Figures



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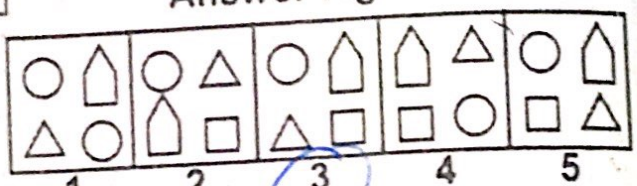
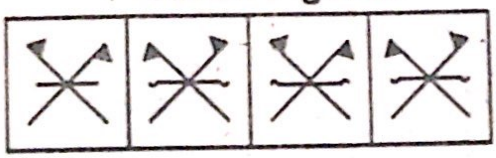
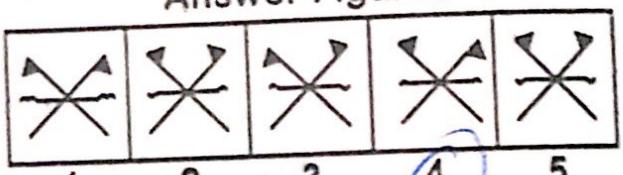


1 2 3 4 5

11. Problem Figures

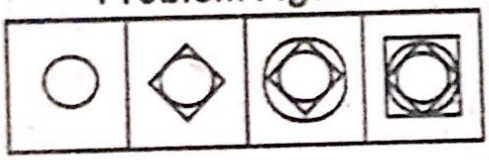


Answer Figures

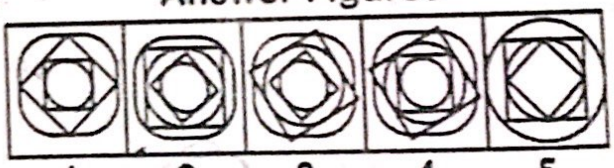


1 2 3 4 5

12. Problem Figures

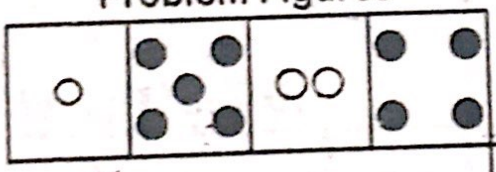


Answer Figures

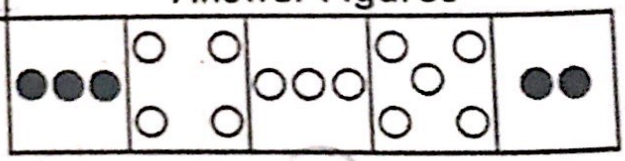


1 2 3 4 5

13. Problem Figures

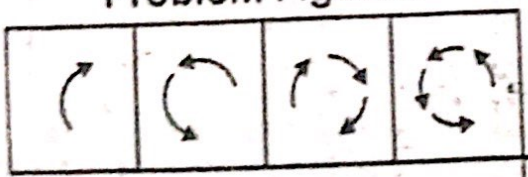


Answer Figures

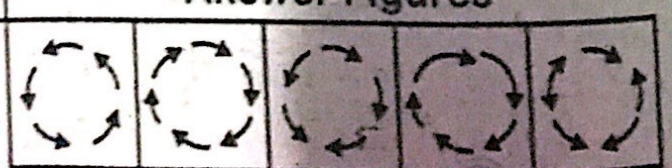


1 2 3 4 5

14. Problem Figures

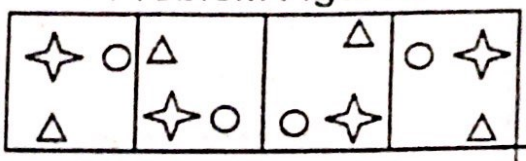


Answer Figures

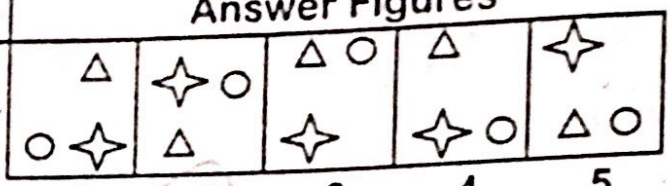


1 2 3 4 5

15. Problem Figures

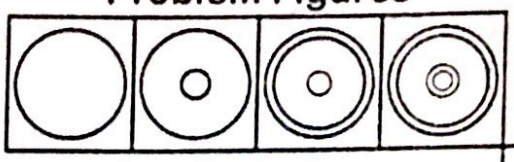


Answer Figures



1 2 3 4 5

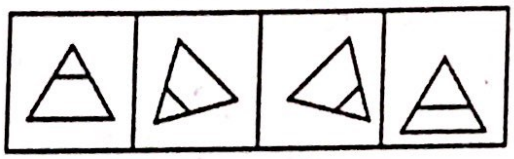
16. Problem Figures



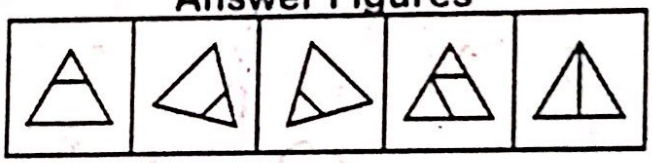
Answer Figures

1 2 3 4 5

17. Problem Figures

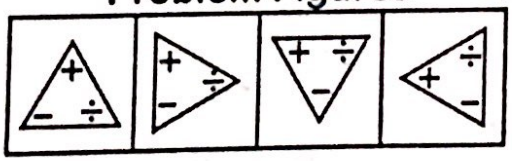


Answer Figures

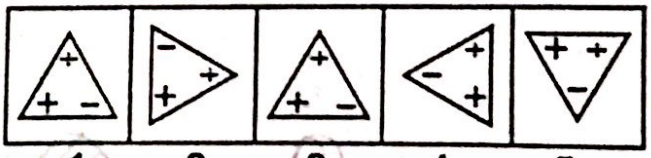


1 2 3 4 5

18. Problem Figures

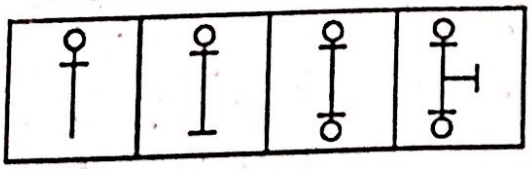


Answer Figures

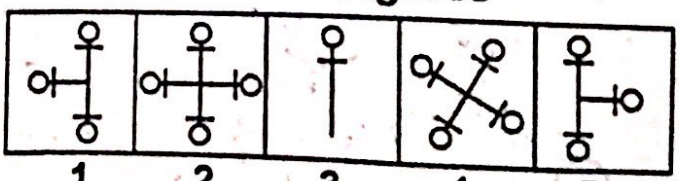


1 2 3 4 5

19. Problem Figures



Answer Figures



1 2 3 4 5

Explanatory Answers

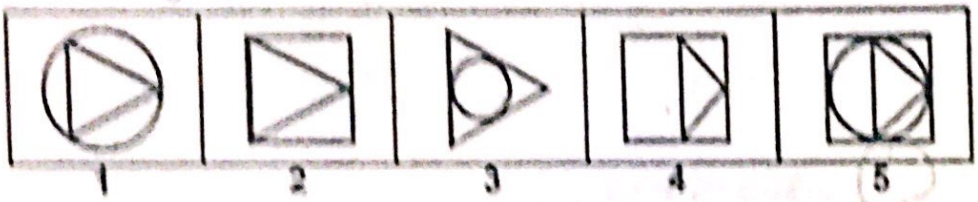
1 (5) One vertical bar with a cap is increased in alternate figure. The next item in the problem figure will be as shown in answer figures 5. 2 (2) The number of capital letters 'A' is increased by one in alternate figure. The fifth item in the series will be as shown in answer figure 2. 3 (2) The number of leaves first increase by one and then decrease in the same manner. Hence, the next item in the series will be as shown in answer figure 2. 4 (4) The problem figure rotates in the anti-clockwise direction through an angle of 120° and then draw one line parallel to the one already there to obtain problem figure 2. Alternate figures contain circle inside the triangle. Hence, the answer figure 4 will be an appropriate choice. 5. (1) The number of straight lines in each corner increases by one each time in anti-clockwise direction. The answer figure 1 will shown a serial trend. 6. (5) In first figure, one line is added whereas in second figure two more lines are added. The process goes on. Hence, answer figure 5 will form a series. 7. (3) Each time one side of the square is cut into three pieces. This process continues in a clock wise direction. The next item in the series will be 3 answer figure. 8. (1) In the problem figure 1, all the arrows show upward direction. In the second figure, two arrows, first and second, show upward direction. In the third figure, second and third show upward direction. In the fourth, third and fourth arrow shows upward direction. Hence, in the serial manner, fourth and first arrows will have upward direction. Thus answer figure 1 is an appropriate choice. 9. (5) The triangle, cross-shaped figure and circle moves, in the square cube, in clockwise direction. The shape of the circle becomes dotted in alternate figure. Hence, the answer figure 5 will be the most appropriate choice for series. 10. (3) The circle, triangle, square and polygon all move in anti clockwise direction to obtain the next figure in the series. Hence, answer figure 3 will form a series. 11. (4) The position of both the triangles on the hook have same direction in each figure but they move

EXERCISE-4

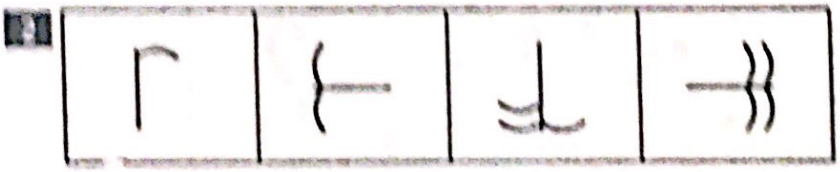
Directions: There are two sets of figures. One set is called problem figures, other set is called answer figures. Select one figure from the answer set which can be replaced for the blank square or question mark.

Problem Figure

Answer Figure



Problem Figure



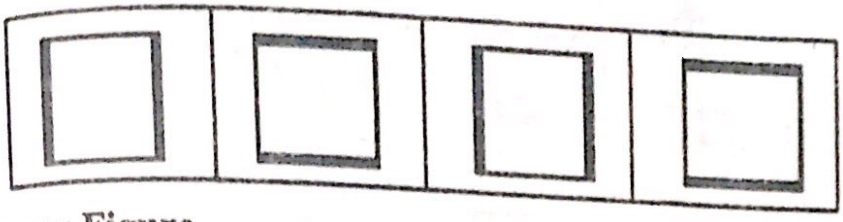
Answer Figure

Problem Figure

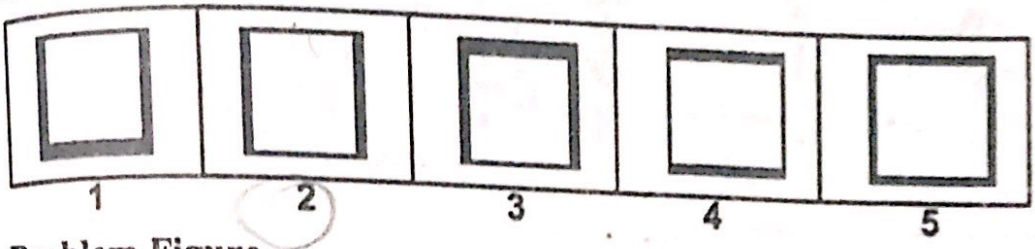
Answer Figure

Problem Figure

4

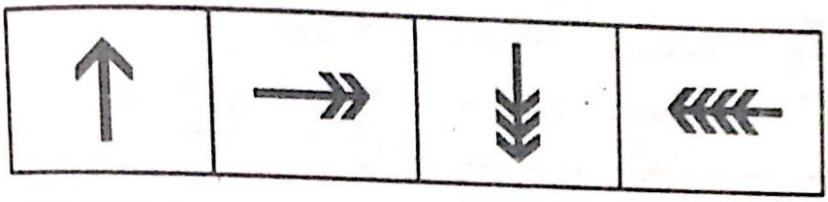


Answer Figure

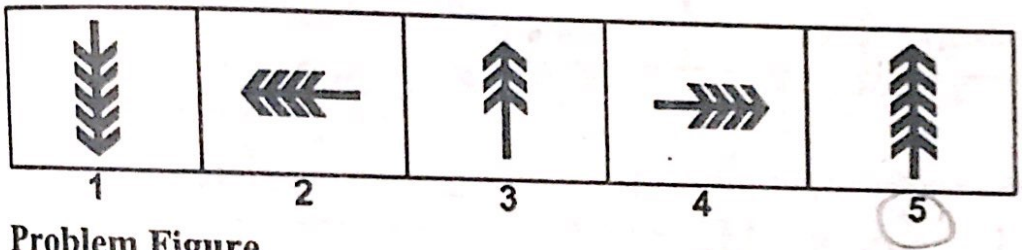


Problem Figure

5

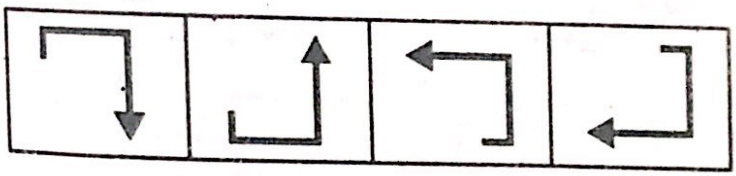


Answer Figure

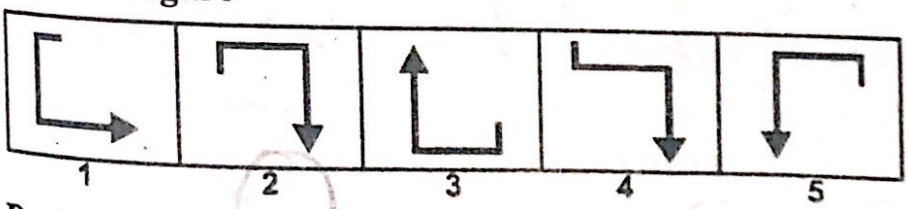


Problem Figure

6

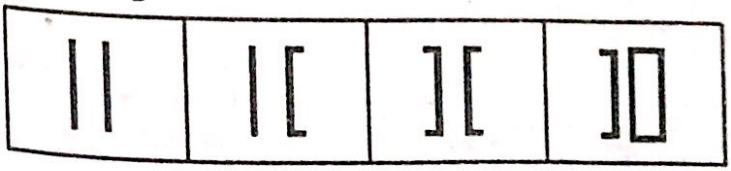


Answer Figure

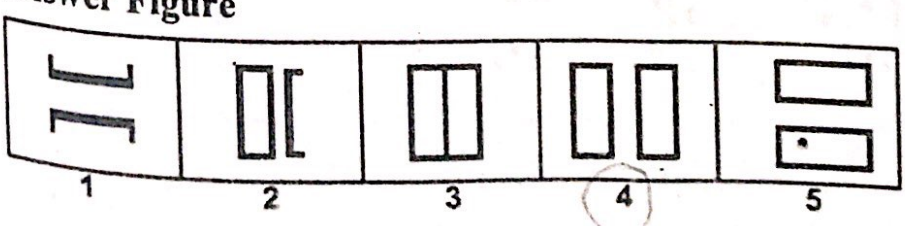


Problem Figure

7

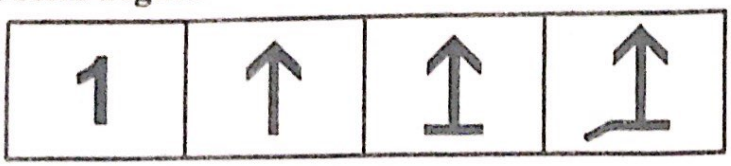


Answer Figure

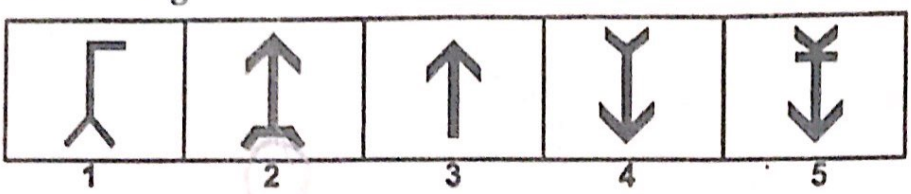


Problem Figure

8

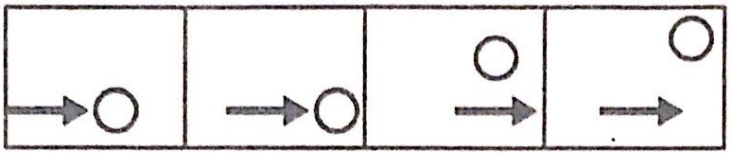


Answer Figure

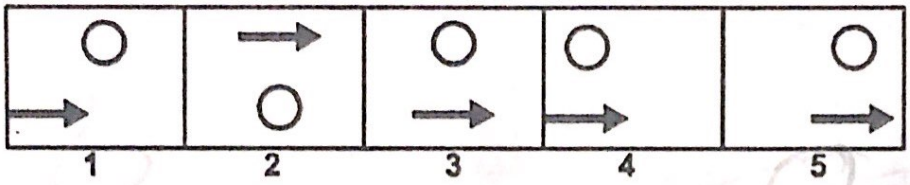


Problem Figure

9

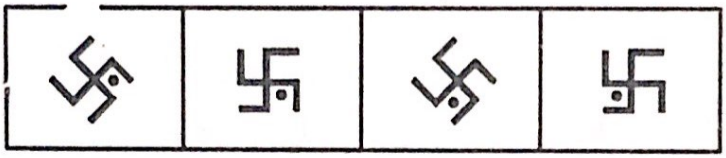


Answer Figure

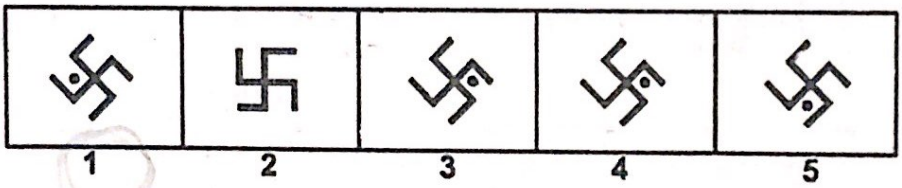


Problem Figure

10

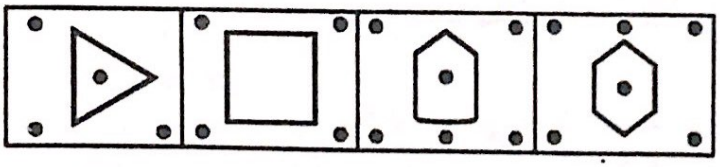


Answer Figure

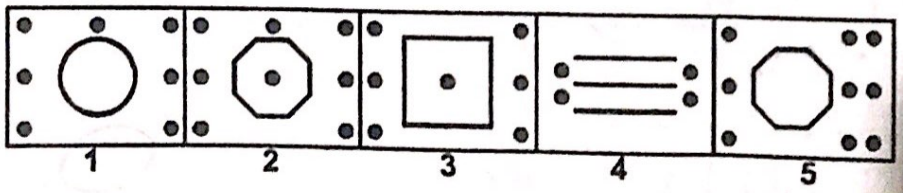


Problem Figure

11



Answer Figure



EXERCISE-4

1.	(5)	2.	(5)	3.	(3)	4.	(2)	5.	(5)
6.	(2)	7.	(4)	8.	(2)	9.	(1)	10.	(1)
11.	(1)	12.	(4)	13.	(4)	14.	(2)	15.	(3)
16.	(4)	17.	(2)	18.	(4)	19.	(3)	20.	(2)
21.	(3)	22.	(1)	23.	(1)	24.	(2)	25.	(3)
26.	(4)	27:	(5)	28.	(2)	29.	(5)	30.	(2)
31.	(2)	32.	(5)	33.	(4)	34.	(3)	35.	(4)
36.	(1)	37.	(3)	38.	(4)	39.	(2)	40.	(4)
41.	(3)	42.	(2)	43.	(5)	44.	(4)	45.	(3)
46.	(4)	47.	(1)	48.	(2)	49.	(4)	50.	(4)