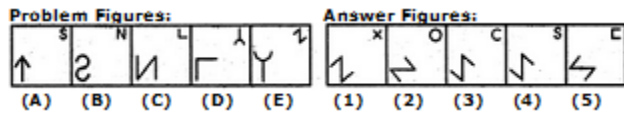# Figure Problems

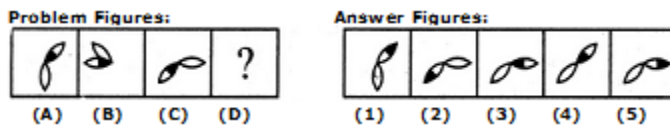**There are 8 different types of Figure Problems:-**

1. Series

Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures:-

2. Analogy

Select a suitable figure from the Answer Figures that would replace the question mark (?).

3. Classification

Choose the figure which is different from the rest.
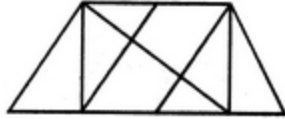

4. Water/Mirror Images

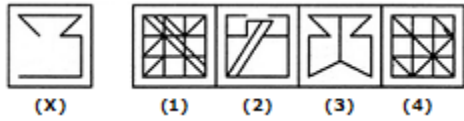Choose the alternative which is closely resembles the water/mirror image of the given combination.

5. Analytical Reasoning

To find the number of Triangles/Squares/Straight Lines/Quadrilaterals etc.

6. Embedded Images

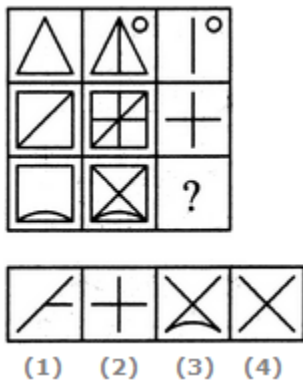Find out the alternative figure which contains figure (X) as its part.

(X) (1) (2) (3) (4)

7. Pattern Completion

Identify the figure that completes the pattern.

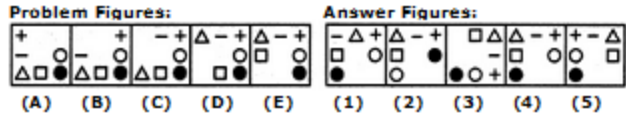(X) (1) (2) (3) (4)

8. Figure Matrix

Select a suitable figure from the four alternatives that would complete the figure matrix.
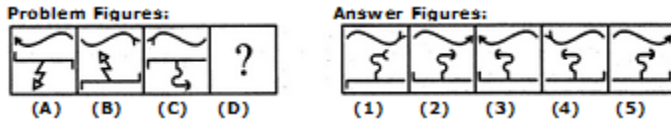

(1) (2) (3) (4)

Exercise Questions

1. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:

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

Answer Figures:

(1) (2) (3) (4) (5)

2. Select a suitable figure from the Answer Figures that would replace the question mark (?).

Problem Figures:

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

Answer Figures:

(1) (2) (3) (4) (5)

3. Choose the figure which is different from the rest.

(1) (2) (3) (4) (5)

4. Choose the alternative which is closely resembles the water-image of the given combination.

GR98AP76ES

(1) GR68AP76ES   (2) GR98AP76ES

(3) GR98AP76ES   (4) GR98AP76ES
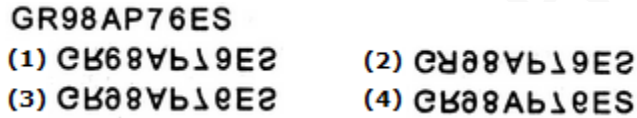
5. Find the number of triangles in the given figure.
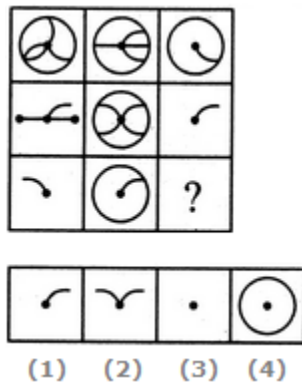

6. Find out the alternative figure which contains figure (X) as its part.

(X)   (1)   (2)   (3)   (4)
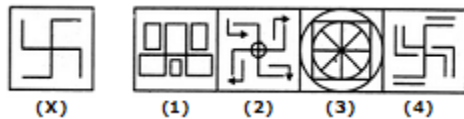
7. Identify the figure that completes the pattern.

8. Select a suitable figure from the four alternatives that would complete the figure matrix.

9. Choose the alternative which is closely resembles the mirror image of the given combination.

MALAYALAM
(1) MALAYALAM   (2) MAJAYAJAM
(3) MAⱢAⱯⱯAⱢAM   (4) MAⱢAYAⱢAM

10. Find out the alternative figure which contains figure (X) as its part.

Answers & Explanation:

1. Option (4) Explanation: In each step, the CW-end element moves to the ACW-end position.

2. Option (2) Explanation: The upper element rotates through 180° and its head gets inverted. The lower element gets vertically inverted.

3. Option (2) Explanation: Figure (1) and fig. (3) can be rotated into each other and fig. (4) and fig. (5) can be rotated into each other.
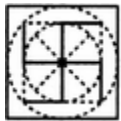
4. Option (3)

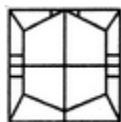5. Option (2) Explanation: The figure may be labelled as shown.

The simplest triangles are ABG, BCG, CGE, CDE, AGE and AEF i.e. 6 in number.

The triangles composed of two components each are ABE, ABC, BCE and ACE i.e. 4 in number. There are 6 + 4 = 10 triangles in the figure.

6. Option (3)

7. Option (4)

8. Option (3) Explanation: The third figure in each row comprises of the parts common to the first two figures.

9. Option (2)

10. Option (4)