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Logical Reasoning Tricks and Techniques for

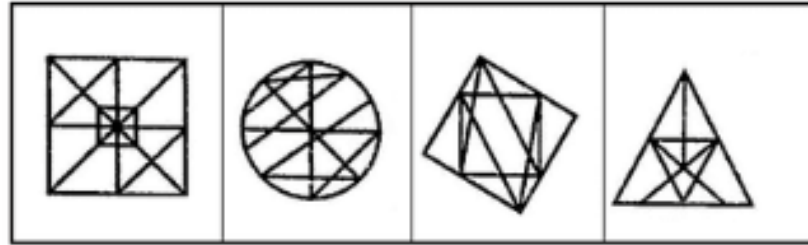
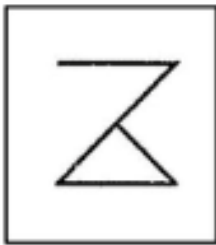
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NON-VERBAL REASONING-EMBEDDED FIGURES(ENGLISH)

1: Find out the answer figure in which the given question figures is embedded.

Question Figure

Answer Figures



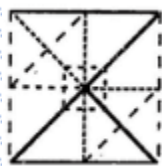
(a)

(b)

(c)

(d)

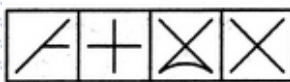
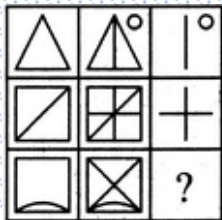
The answer is (a) the question figure is embedded in the answer figure (a)



This is an example where the question figure is embedded in the answer figure, but its orientation is changed.

- In some embedded figures tests, the question figure is hidden in two or more answers. In such questions, the candidates have to select the answer in which the question figure is hidden with the least change in the orientation.

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



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

Answer: 4

Explanation: The third figure in each row comprises of parts which are not common to the first two figures



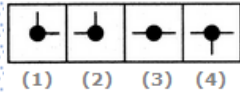
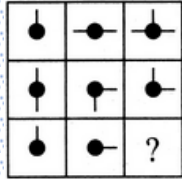
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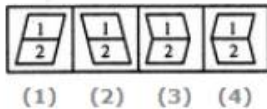
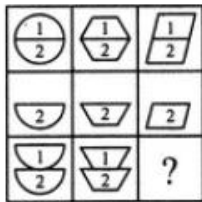
3. Select a suitable figure from the four alternatives that would complete the figure matrix.



Answer: 1

Explanation: In each row, the third figure comprises of a black circle and only those line segments which are not common to the first and the second figures.

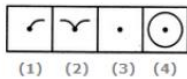
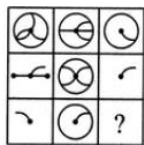
4. Select a suitable figure from the four alternatives that would complete the figure matrix.



Answer: 3

Explanation: In each column, the second figure (middle figure) is obtained by removing the upper part of the first figure (uppermost figure) and the third figure (lowermost figure) is obtained by vertically inverting the upper part of the first figure.

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



Answer: 3

Explanation: The third figure in each row comprises of the parts common to the first two figures.



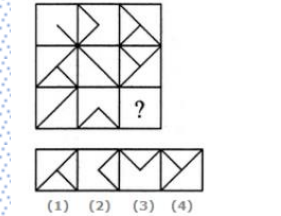
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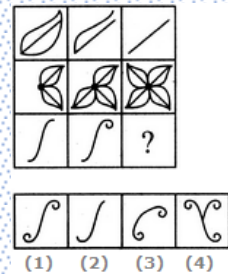
6. Select a suitable figure from the four alternatives that would complete the figure matrix.



Answer: 3

Explanation: The third figure in each row comprises of parts which are not common to the first two figures.

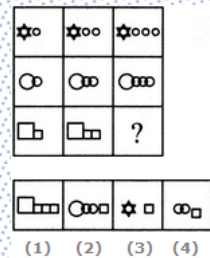
7. Select a suitable figure from the four alternatives that would complete the figure matrix.



Answer: 1

Explanation: The number of components in each row either increases or decreases from left to right. In the third row, it increases.

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



Answer: 1

Explanation: In each row, the second figure is obtained from the first figure by increasing the number of smaller elements by one and the third figure is obtained from the second figure by increasing the number of smaller elements by one.

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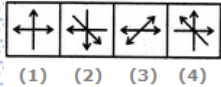
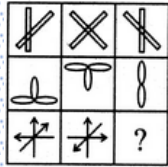
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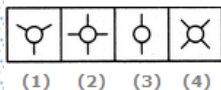
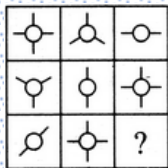
9. Select a suitable figure from the four alternatives that would complete the figure matrix.



Answer: 3

Explanation: The third figure in each row comprises of parts which are not common to the first two figures.

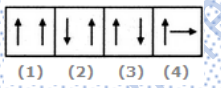
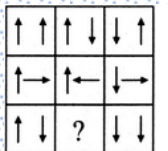
10. Select a suitable figure from the four alternatives that would complete the figure matrix.



Answer: 1

Explanation: Each row (as well as each column) contains a figure consisting of a circle and two-line segments, a figure consisting of a circle and three line segments and a figure consisting of a circle and four line segments.

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



Answer: 1

Explanation: In each row, the second figure is obtained from the first figure by reversing the direction of the RHS arrow and the third figure is obtained from the second figure by reversing the direction of both the arrows.



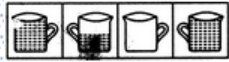
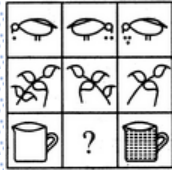
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12. Select a suitable figure from the four alternatives that would complete the figure matrix.

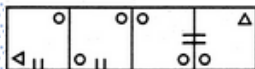


(1) (2) (3) (4)

Answer: 2

Explanation: In each row, the figures are getting laterally inverted in each step. The number of components or the quantities are either increasing or decreasing from left to right sequentially.

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

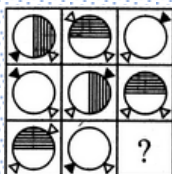


(1) (2) (3) (4)

Answer: 3

Explanation: The second figure is obtained from the first figure by moving the line segment to the opposite side of the square boundary and replacing it with two similar line segments. Also, the element in the lower-left corner gets replaced by two similar elements - one placed in the upper-left and the other placed in the lower-right corner.

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



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

Answer: 4

Explanation: In each row, there are 3 types of shadings of circles - a circle is unshaded, another circle has its right half shaded with vertical lines and yet another circle has its upper half shaded



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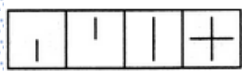
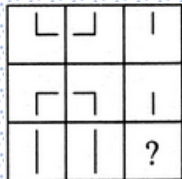
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with horizontal lines. There are three specified positions of the two triangles each of which is used only once in a row. Also, two of the figures in each row have one triangle shaded.

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

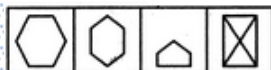
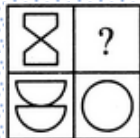


(1) (2) (3) (4)

Answer: 3

Explanation: In each row, the third figure is a collection of the common elements (line segments) of the first and the second figures.

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

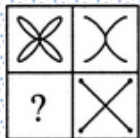


(1) (2) (3) (4)

Answer:2

Explanation: The two parts of the first figure are rearranged and joined along the longer sides. The common side is then lost to form the second figure.

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



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

Answer: 3

Explanation:

The second figure is a part of the first figure (but is not exactly the same as the first figure).

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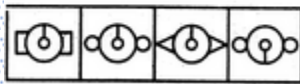
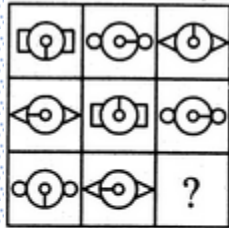
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18. Select a suitable figure from the four alternatives that would complete the figure matrix.

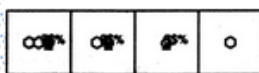
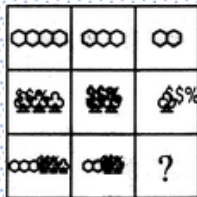


(1) (2) (3) (4)

Answer: 1

Explanation: In each row, the central part of the first figure rotates either 90° CW or 90° ACW to form the central part of the second figure and the central part of the first figure rotates through 180° to form the central part of the third figure. Also, in each row, there are 3 types of side elements - rectangles, circles and triangles.

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



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

Answer: 2

Explanation: In each column, the third figure (lowermost figure) contains one less number of hexagons as the first figure (uppermost figure) and the same number of trees as the second figure (middle figure).



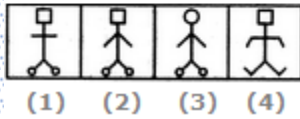
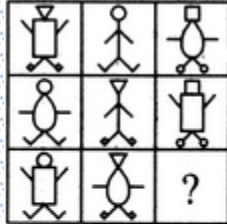
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20. Select a suitable figure from the four alternatives that would complete the figure matrix.



Answer: 2

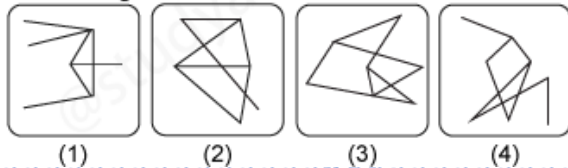
Explanation: There are 3 types of faces, 3 types of bodies, 3 types of hands and 3 types of legs, each of which is used only once in a single row. So, the features which have not been used in the first two figures of the third row would combine to produce the missing figure.

21) From the given answer figures, select the one in which the question figure embedded?

Question figure:



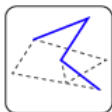
Answer figures:



Answer: Option C

Explanation

Question figure



Answer figure
(3)

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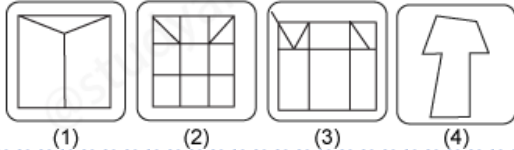
Upon close observation we can find that the given question figure is embedded in figure 3. Hence option C is correct.

22) From the given answer figures, select the one in which the question figure embedded?

Question figure:



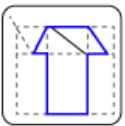
Answer figures:



Answer: Option C

Explanation

Question figure



Answer figure
(3)

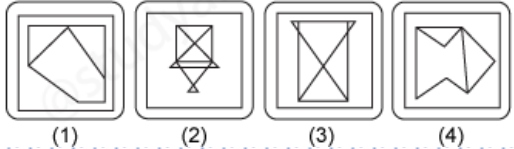
Upon close observation we can find that the given question figure is embedded in figure 3. Hence option C is correct.

23) From the given answer figures, select the one in which the question figure embedded?

Question figure:



Answer figures:



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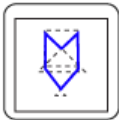
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Answer: Option B

Explanation

Question figure



Answer figure
(2)

Upon close observation we can find that the given question figure is embedded in figure 2. Hence option B is correct

24) From the given answer figures, select the one in which the question figure embedded?

Question figure:



Answer figures:



(1)



(2)



(3)



(4)

Answer: Option A

Explanation

Question figure



Answer figure
(1)

Upon close observation we can find that the given question figure is embedded in figure 1. Hence option A is correct

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