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Figure Matrix



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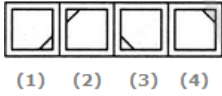
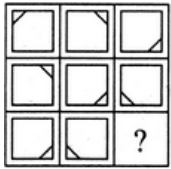
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www.Joblal.com

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www.examyou.com

Q. 1 Select a suitable figure from the four alternatives that would complete the figure matrix.



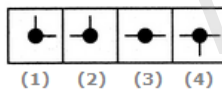
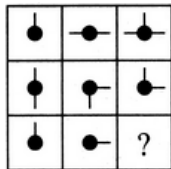
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [B]

Explanation: In each row, the first figure is rotated through 90° CW to obtain the second figure and the second figure is rotated through 90° CW to obtain the third figure.

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



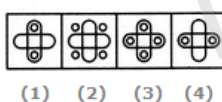
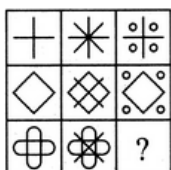
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [A]

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.

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



- [A] 1
- [B] 2
- [C] 3

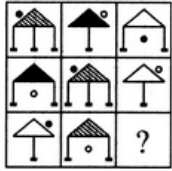
[D] 4

Answer Option [B]

Explanation: In each row, the second figure is obtained from the first figure by adding two mutually perpendicular line segments at the centre and the third figure is obtained from the first figure by adding four circles outside the main figure.

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



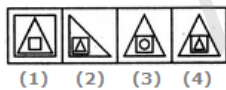
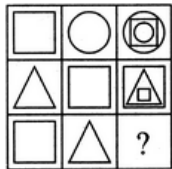
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [C]

Explanation: There are 3 types of shadings in the triangles, 3 types of legs, 3 positions of circles, each of which is used only once in a single row. The circle is shaded in alternate figures.

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



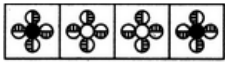
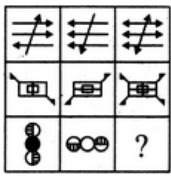
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [D]

Explanation: In each row, the second figure forms the innermost and the outermost elements of the third figure and the first figure forms the middle element of the third figure.

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



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

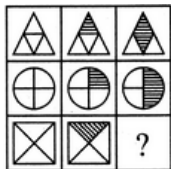
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [D]

Explanation: In each row, the third figure is a combination of the first and the second figure.

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



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

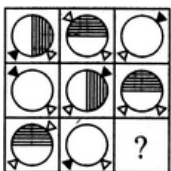
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [B]

Explanation: In each row, the second figure is obtained by shading one of the four parts of the first figure and the third figure is obtained by shading two out of the four parts of the first figure.

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



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

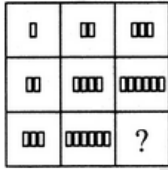
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [D]

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 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.

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



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

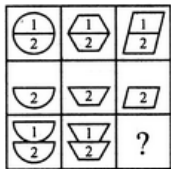
- [A] 1
[B] 2
[C] 3
[D] 4

Answer Option [C]

Explanation: In each row (as well as in each column), the number of rectangles in the second figure is two times the number of rectangles in the first figure and the number of rectangles in the third figure is three times the number of rectangles in the first figure.

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



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

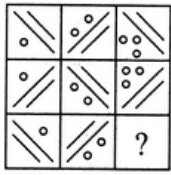
- [A] 1
[B] 2
[C] 3
[D] 4

Answer Option [C]

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.

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



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

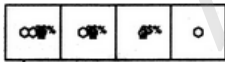
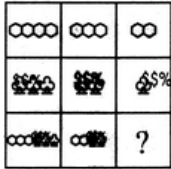
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [B]

Explanation: In each row, the second figure is obtained by rotating the first figure through 90° CW or 90° ACW and adding a circle to it. Also, the third figure is obtained by adding two circles to the first figure (without rotating the figure).

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



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

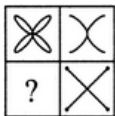
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [B]

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



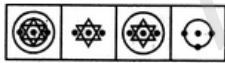
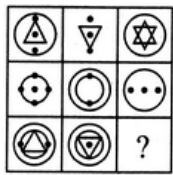
(1) (2) (3) (4)

- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [C]

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

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



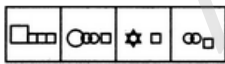
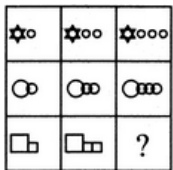
(1) (2) (3) (4)

- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [B]

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

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



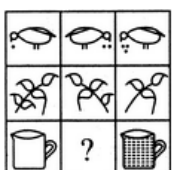
(1) (2) (3) (4)

- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [A]

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.

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



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

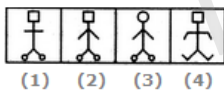
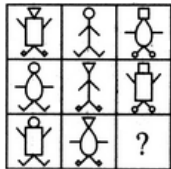
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [B]

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.

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



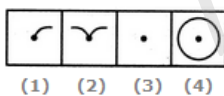
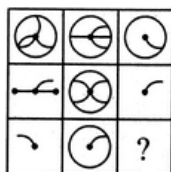
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [B]

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.

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



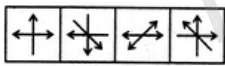
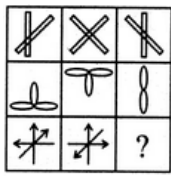
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [C]

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

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



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

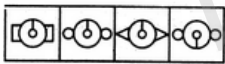
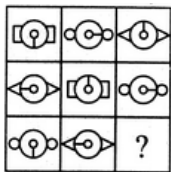
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [C]

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

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



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

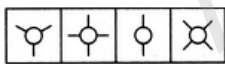
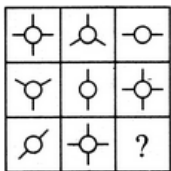
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [A]

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.

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Q. 21 Select a suitable figure from the four alternatives that would complete the figure matrix.



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

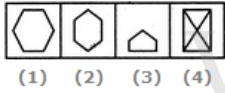
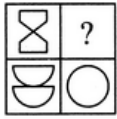
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [A]

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.

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Q. 22 Select a suitable figure from the four alternatives that would complete the figure matrix.



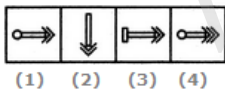
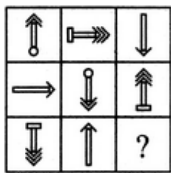
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [B]

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.

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Q. 23 Select a suitable figure from the four alternatives that would complete the figure matrix.



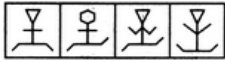
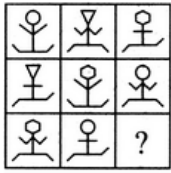
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [A]

Explanation: In each row, there are three types of arrows - an arrow with a single head and without any base, an arrow with double head having a circle at its base, an arrow with triple head having a rectangle at its base. Also, in each row, the arrows point in three directions - upwards, downwards and towards the right.

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Q. 24 Select a suitable figure from the four alternatives that would complete the figure matrix.



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

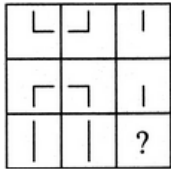
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [D]

Explanation: There are 3 types of faces, 3 types of hands and 3 types of legs. Each type is used once in each row! So, the features not used in the first two figures of the third row would together form the missing figure.

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Q. 25 Select a suitable figure from the four alternatives that would complete the figure matrix.



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

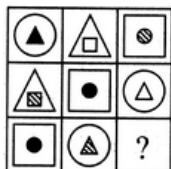
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [C]

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

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Q. 26 Select a suitable figure from the four alternatives that would complete the figure matrix.



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

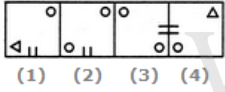
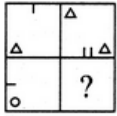
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [D]

Explanation: In each row, there are three types of outer elements (circle, triangle and square), three types of inner elements (circle, triangle and square) and three types of shadings in the inner elements (black, white and lines).

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Q. 27 Select a suitable figure from the four alternatives that would complete the figure matrix.



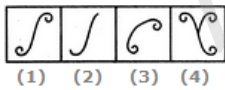
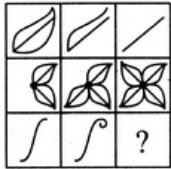
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [C]

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.

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Q. 28 Select a suitable figure from the four alternatives that would complete the figure matrix.



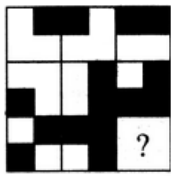
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [A]

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

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Q. 29 Select a suitable figure from the four alternatives that would complete the figure matrix.



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

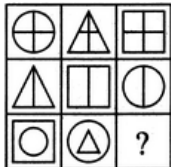
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [D]

Explanation: In each row (as well as each column), the third figure is a combination of all the elements of the first and the second figures

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Q. 30 Select a suitable figure from the four alternatives that would complete the figure matrix.



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

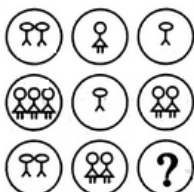
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [C]

Explanation: In each row, the triangle follows the circle, the square follows the triangle and the circle follows the square. In case of the third row, the above rule exists for the inner as well as the outer elements.

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Q. 31 Select a suitable figure from the four alternatives that would complete the figure matrix.



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

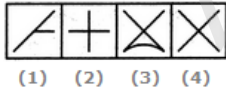
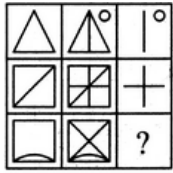
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [C]

Explanation: In each row, the number of elements in the third figure is equal to the difference in the number of elements in the first and second figures. Also, the third figure has the same types of elements (if any) as the elements in the first figure.

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Q. 32 Select a suitable figure from the four alternatives that would complete the figure matrix.



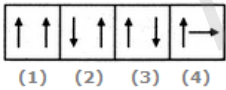
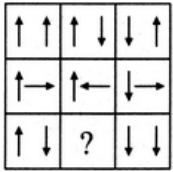
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [D]

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

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Q. 33 Select a suitable figure from the four alternatives that would complete the figure matrix.



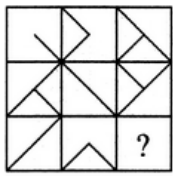
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [A]

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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Q. 34 Select a suitable figure from the four alternatives that would complete the figure matrix.



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

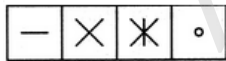
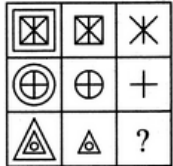
- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [B]

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

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Q. 35 Select a suitable figure from the four alternatives that would complete the figure matrix.



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

- [A] 1
- [B] 2
- [C] 3
- [D] 4

Answer Option [D]

Explanation: In each row, the second figure is obtained by removing the outermost element of the first figure and the third figure is obtained by removing the outermost element of the second figure.

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