

CHAPTER

01

ODD-MAN OUT

Odd man out is the process of putting things or objects into a group and then finding the different object or thing that does not belong to the group. In this chapter, we deal with questions which have a set of four figures, out of which except one, are alike or have some common features/characteristics. You have to select that exclusively different figure from the given set.

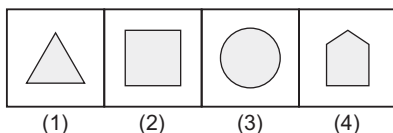
In this chapter the changes in figure are based on the following types

- Based on formation
- Based on number of side
- Based on position
- Based on relation of two elements
- Based on different elements
- Based on rotation
- Based on method of writing
- Based on real images

Based on Formation

In this type, out of the four figures three figures are formed in a same manner while fourth figure is different. Candidates are required to find out odd figure.

Example 1.

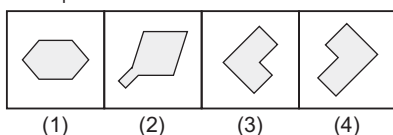


Sol. (3) Except figure (3), all other figures are formed by straight lines while figure (3) is formed by curved line.

Based on Number of Side

In this type, three designs have equal number of sides while fourth contains different number of sides.

Example 2.

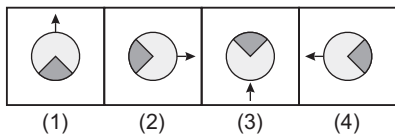


Sol. (2) Except figure (2), all other figures have 6 straight lines while figure (2) has seven straight lines.

Based on Position

In this type, out of the four figures elements in three figures are in same position while in one figure elements are in different position.

Example 3.

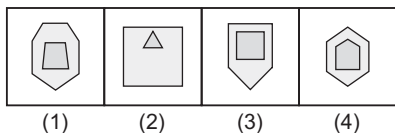


Sol. (3) Except figure (3), in all other figures the shaded portion and arrow are pointing in same direction while in figure (3) the shaded portion and arrow are pointing in opposite direction.

Based on Relation of Two Elements

In this type, all the four figures contain two elements. Elements in each figure are related to one another in a certain way. In different figure elements are differently related to one another.

Example 4.

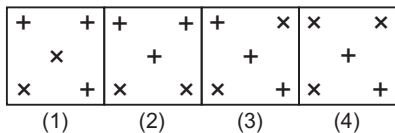


Sol. (1) Except figure (1), in all other figures, inner design has one less number of sides than outer design while in figure (1) inner design has three less number of sides than outer design.

Based on Different Elements

In this type, three figures have same elements while fourth has different. Candidates are required to choose the figure which has different elements.

Example 5.

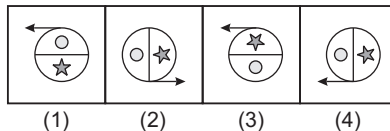


Sol. (4) Except figure (4), all others figures have three '+' and two 'x' designs while figure (4) has two '+' and three 'x' designs.

Based on Rotation

In this type, out of the four figures three figures have same rotational direction i.e. either clockwise or anti-clockwise while fourth rotates in different direction. Candidates are required to find out the odd figure.

Example 6.

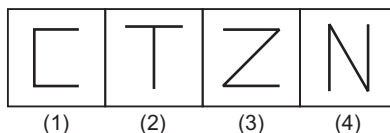


Sol. (4) Except figure (4), all other figures are moving in anti-clockwise direction while figure (4) is moving in clockwise direction.

Based on Method of Writing

In this type, three letters are formed by similar elements while the fourth one is formed by different elements.

Example 7.

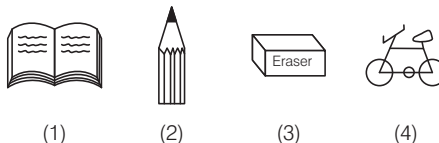


Sol. (2) Except figure (2), all other letters are made up of three straight lines while the letter in figure (2) is made up of two straight lines.

Based on Real Images

In this type, four diagrams of real images are given which show some real meaning. In these figures three represent similar meaning while the meaning of one figure is different from others. The candidates are required to choose the different image.

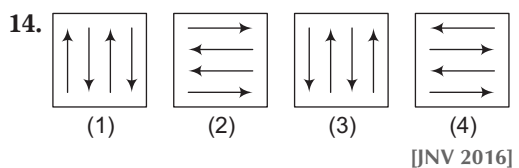
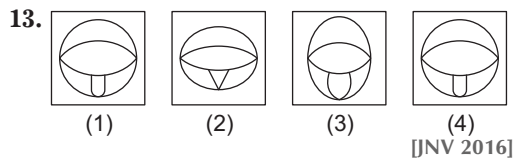
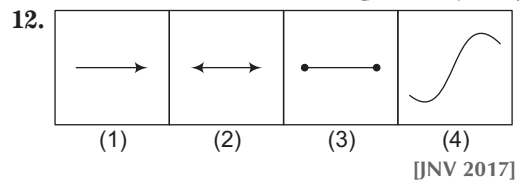
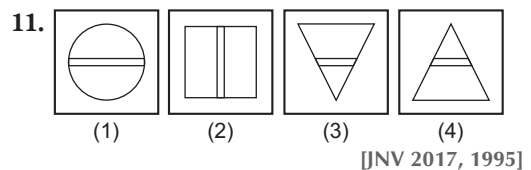
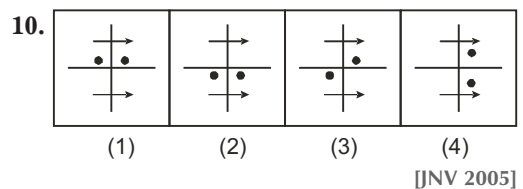
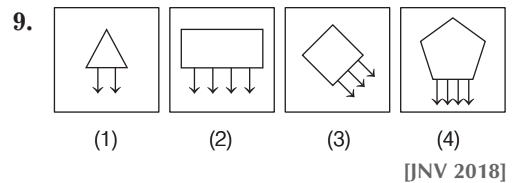
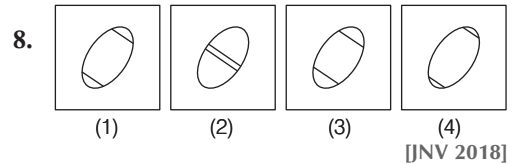
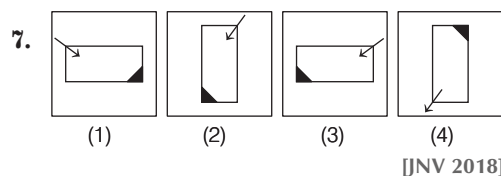
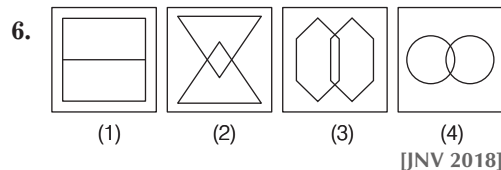
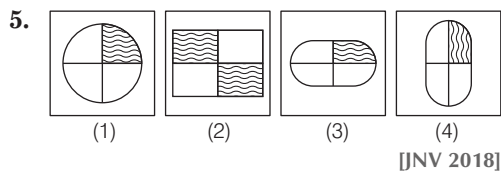
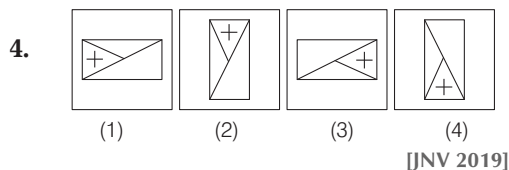
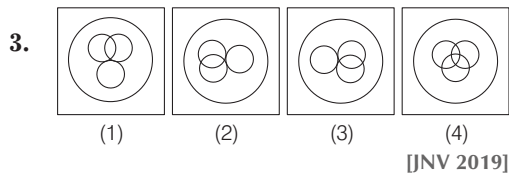
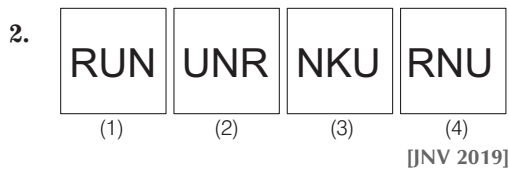
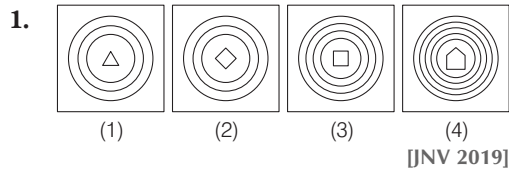
Example 8.

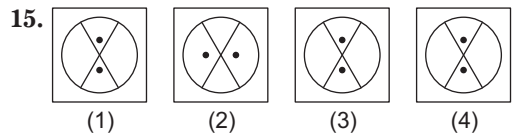


Sol. (4) Except cycle all others are stationary items.

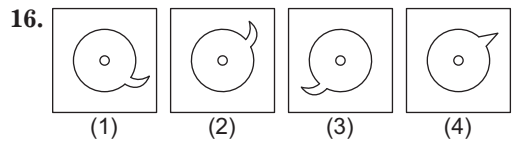
Entrance Corner

Directions (Q. Nos. 1-46) In the following questions, there are four figures. Three of them have common relation or characteristics and belong to one class. Select the figure which different and does not have any relation with the other figures in the group.

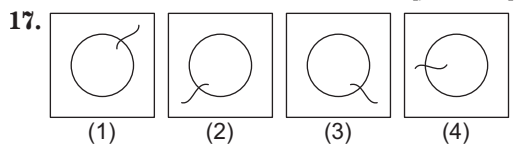




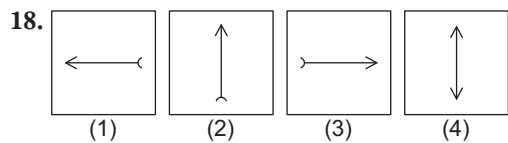
[JNV 2016]



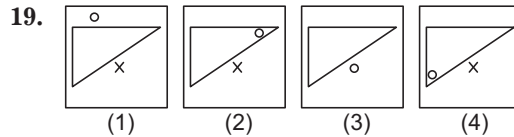
[JNV 2015]



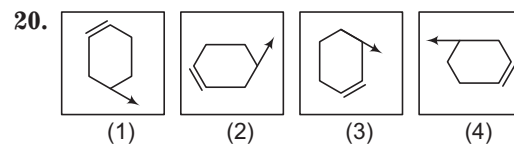
[JNV 2015]



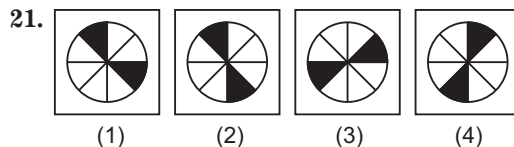
[JNV 2015]



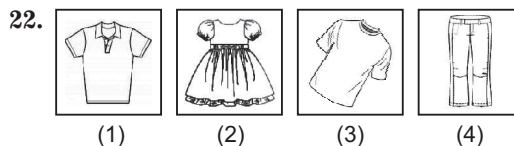
[JNV 2014]



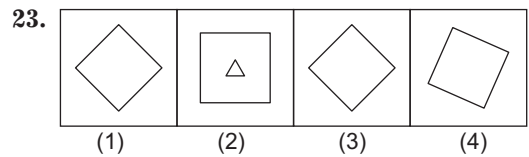
[JNV 2014]



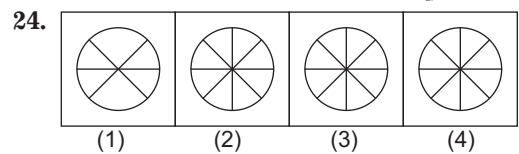
[JNV 2013]



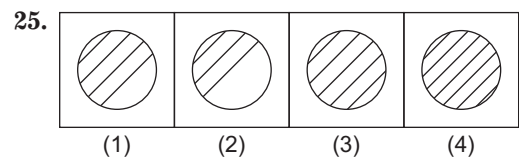
[JNV 2013]



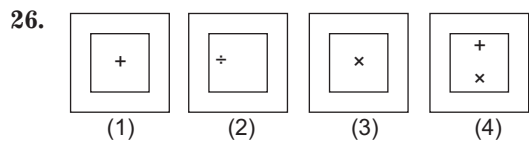
[JNV 2012]



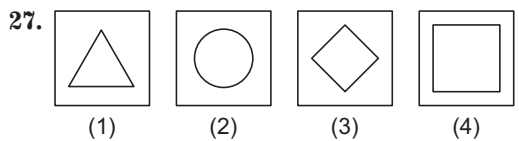
[JNV 2012]



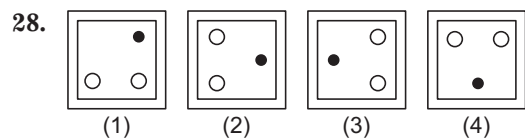
[JNV 2011]



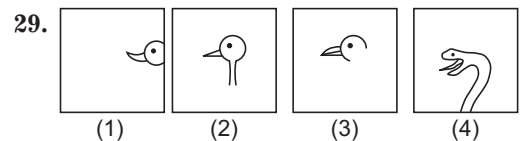
[JNV 2011]



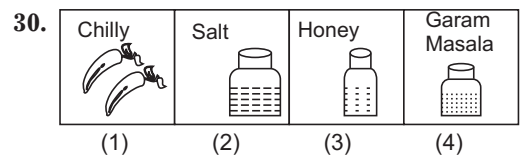
[JNV 2010]



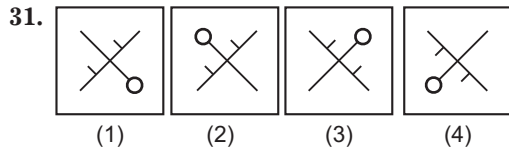
[JNV 2010]



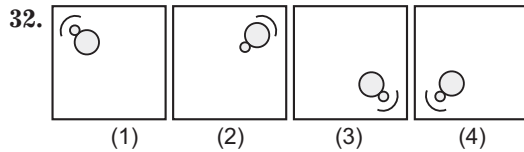
[JNV 2009]



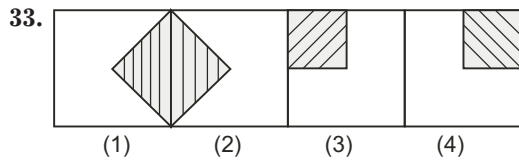
[JNV 2009]



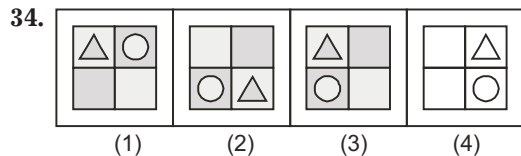
[JNV 2008]



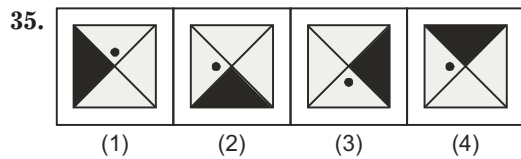
[JNV 2008]



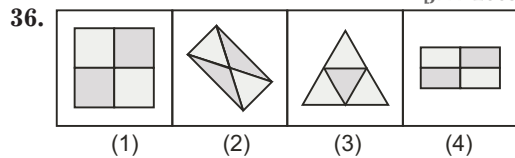
[JNV 2007]



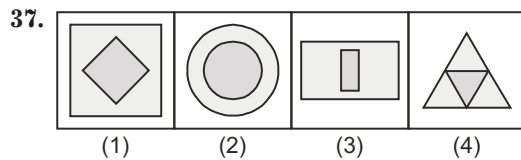
[JNV 2007]



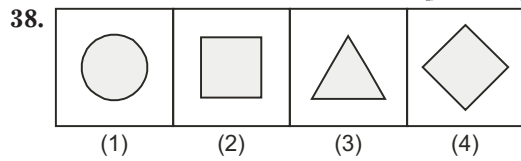
[JNV 2005]



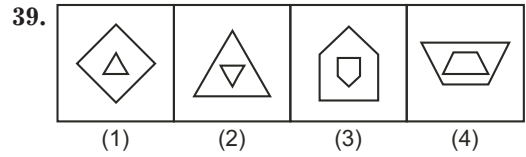
[JNV 2004]



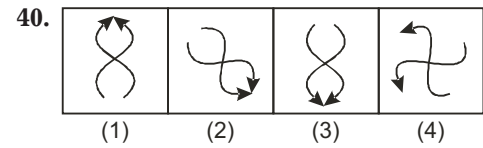
[JNV 2004]



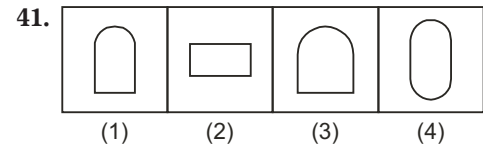
[JNV 2003]



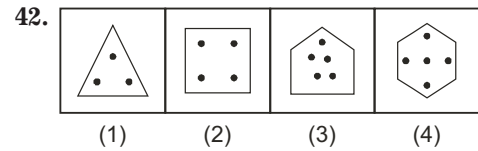
[JNV 2003]



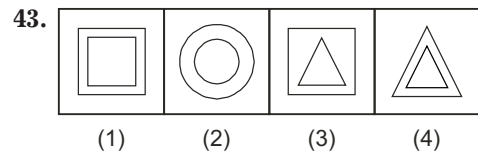
[JNV 2002]



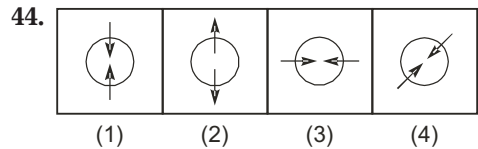
[JNV 2002]



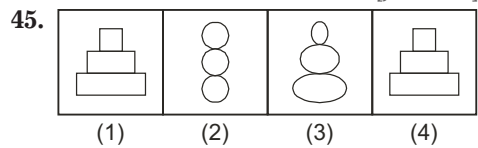
[JNV 2000]



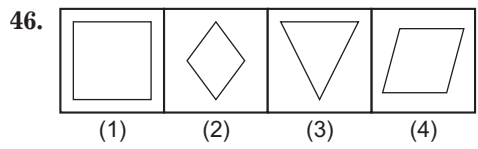
[JNV 2000]



[JNV 1999]



[JNV 1999]



[JNV 1998]

Answers

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

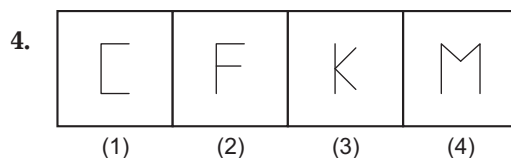
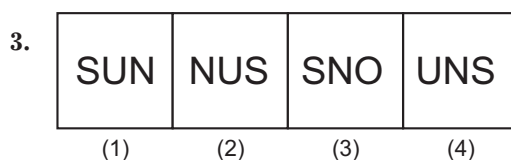
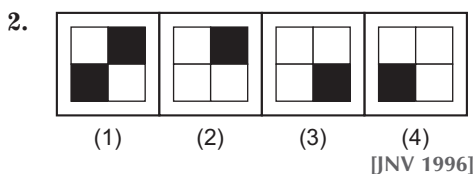
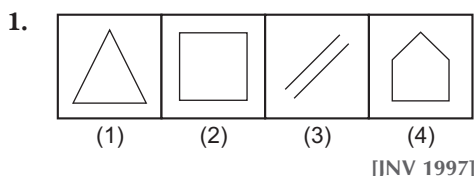
Hints and Solutions

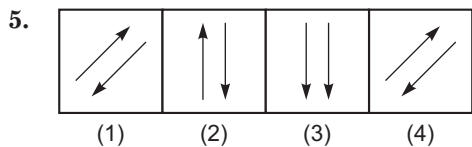
- Except figure (2), in all other figures the innermost geometrical figure is made up of similar number straight lines as there are circles.
Hence, figure (2) is different.
- Except figure (3), all other figures consist of three letters R, U and N. But in figure (3), letter 'K' is used in place of 'R'.
Hence, figure (3) is different.
- Except figure (4), all other figures have only two intersecting circles. But in figure (4) all the three circles are intersecting each other.
Hence, figure (4) is different.
- Except figure (2), all other figures are same when rotated.
- Except figure (2), in all other figures, only one part of the figure is shaded while in figure (2) two parts are shaded.
- Except figure (1), in all other figures, two similar figures are intersecting each other.
- Except figure (4), in all other figures the arrow is pointing towards the shaded portion of rectangle. But in figure (4) it is pointing in opposite direction.
- Except figure (2), in all other figures the two lines are at the corner of the oval while in figure (2) both the lines are as the centre of the oval.
- Except figure (2), all other figures have one less number of arrows as the number of lines in shape.
- Considering the position of two black small circles figure (3) is different from other figures.
- All figures in serial numbers (1), (3) and (4) have two parallel lines drawn horizontally but in figure (2) the parallel lines are drawn vertically, therefore figure (2) is different from other remaining figures.
- Except figure (4), all other figures are made up of straight lines but figure (4) is made up of curved line.
- Except figure (2), all other figures are made up of curved lines but in figure (2) there are two straight lines.
- Except figure (2), in all other figures position of arrows changed alternatively.
- Except figure (2), all other figures are same.
- Except figure (4), all other figures have curved line outside the circle in same manner.
- Except figure (4), all other figures have curved line which cuts the circle in same manner.
- Except figure (4), all other figures are same when rotated.
- Except figure (3), all figures contain two small figures namely circle (O) and cross (X).
- Except figure (3), all other figure are rotating in anticlockwise direction, while figure (3) is rotating in clockwise direction.
- Except figure (1), in all others the shaded parts are opposite to each other.
- Except figure (4), all others are worn on upper part of the body.
- Except (2), all other figures have single design.
- Except (1), all others have four diameters.
- Except figure (1), in all others, the number of lines in circles is odd.
- Except figure (4) all other figures have single mathematical design.
- Except figure (2), all others made up of straight lines.
- Except figure (1), all other figures are same when rotated.

29. Except figure (4), all others are related with bird.
30. Except Honey, all others are different spices.
31. Except figure (1), all other figures are same when rotated.
32. Except figure (2), in all other figures the curved line is near to the smaller circle but in figure (2), it is near to the larger circle.
33. Except figure (2), in all other figures there are five number of lines inside the main figure. But in figure (2), it is four.
34. Except figure (3), in all other figures the circle is ahead of triangle when we move in clockwise direction.
35. Except figure (4), all other figures are same when rotated.
36. Except figure (3), in all other figures there are two lines which divides the main figure in four parts.
37. Except figure (2), all other figures have two similar shapes made up of straight lines. While figure (2) is made up of curved line.
38. Except figure (1), all other figures are made up of straight lines while figure (1) is made up of curved line.
39. Except figure (1), all other figures have same inner and outer designs, but in opposite directions.
40. Except figure (4), all other figures are same when rotated.
41. Except figure (2), all other figures have a circular side.
42. Except figure (4), all other figures have same number of dots inside the figure as there are number of lines in the figure.
43. Except figure (3), all other figures have same inner and outer designs.
44. Except figure (2), in all other figures both the arrows are pointing to the centre of the circle.
45. Except figure (2), in all other figures the size of all the three shapes are different. But in figure (2) all the three circles are of same size.
46. In the given figures, all figures are quadrilaterals but figure (3) is a triangle. Therefore, figure (3) is different from other figures.

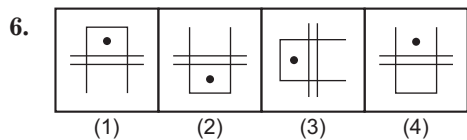
Practice Exercise

Directions (Q. Nos. 1-46) In the following questions, there are four figures. Three of them have common relation or characteristics and belong to one class. Select the figure which different and does not have any relation with the other figures in the group.

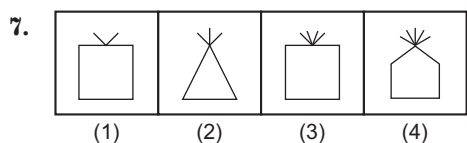




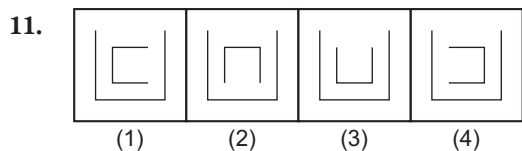
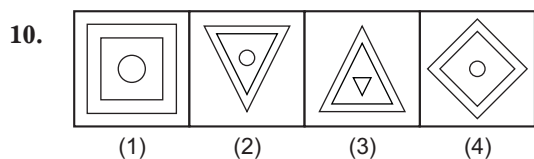
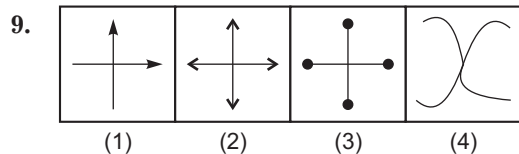
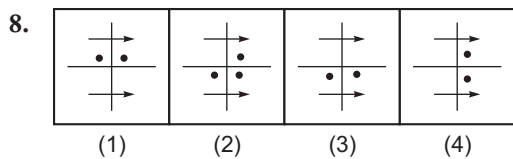
[JNV 1996]



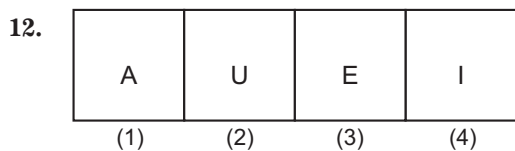
[JNV 1995]



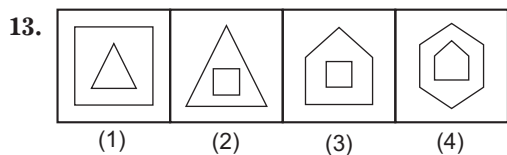
[JNV 1995]



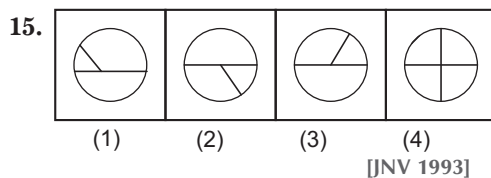
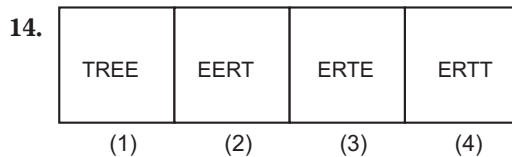
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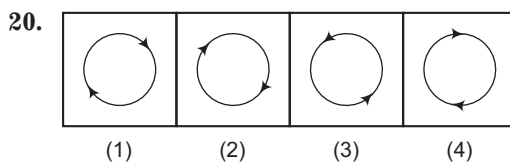
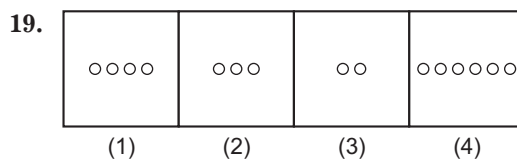
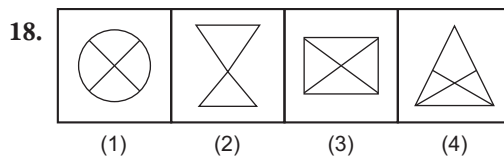
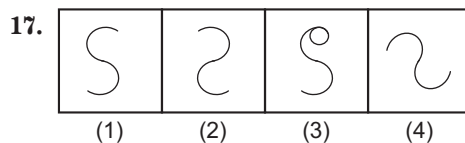
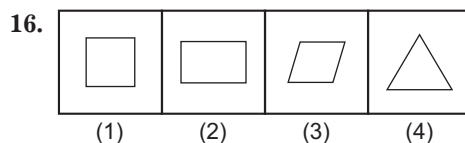
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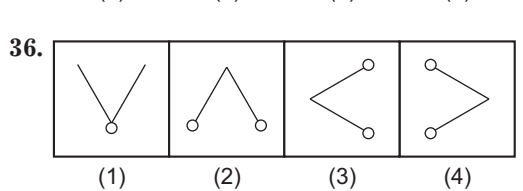
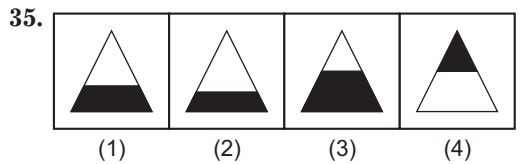
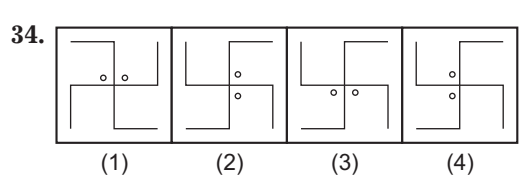
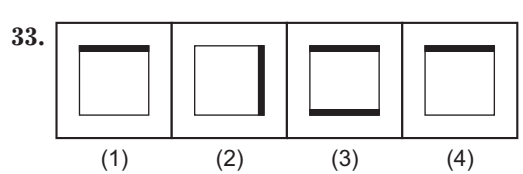
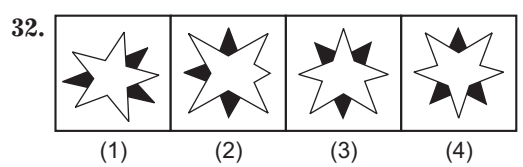
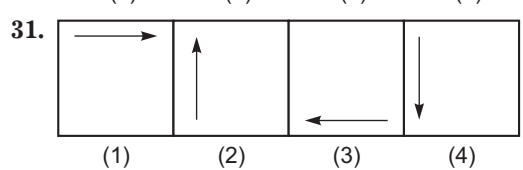
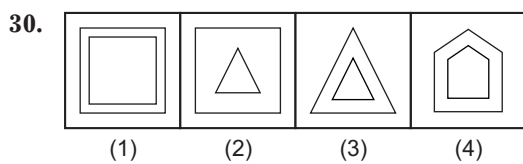
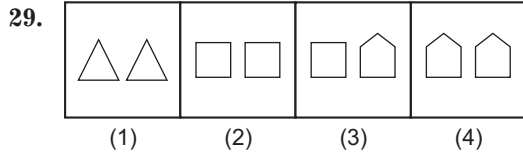
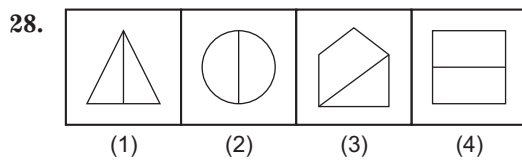
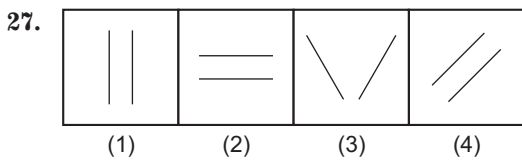
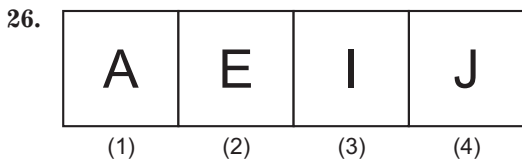
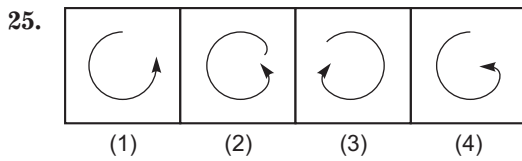
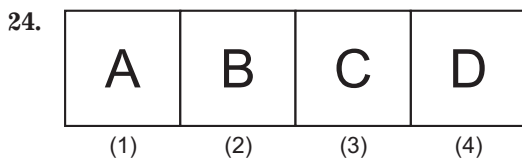
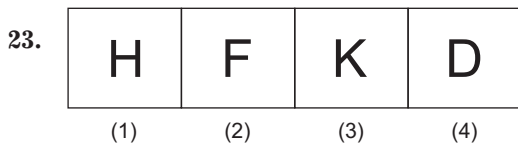
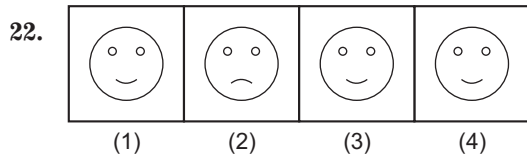
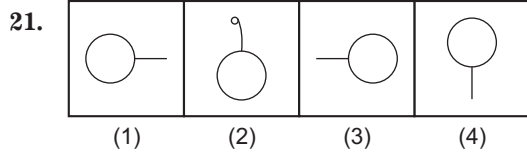


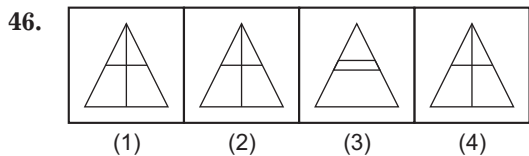
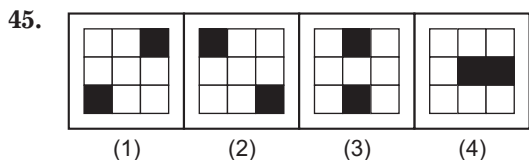
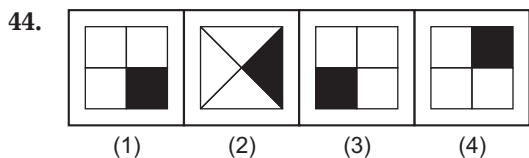
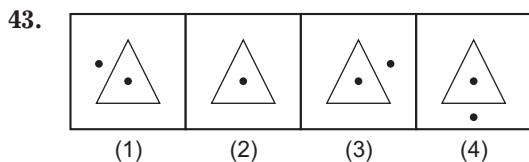
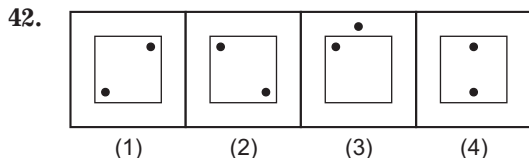
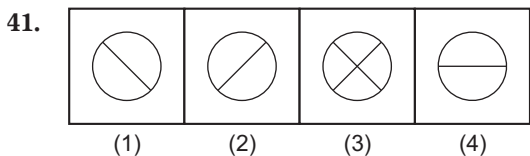
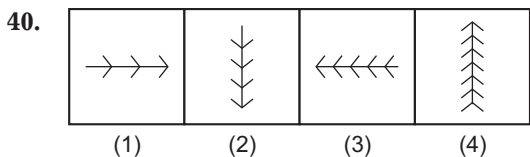
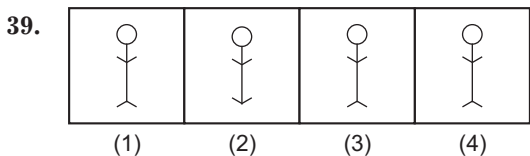
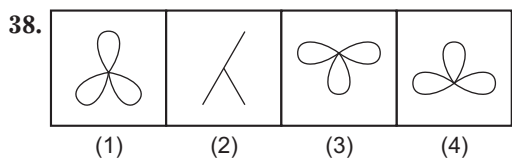
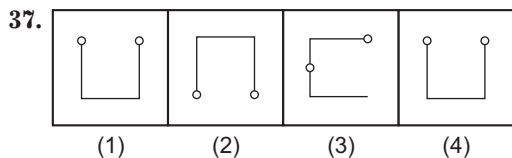
[JNV 1993]



[JNV 1993]







Answers

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

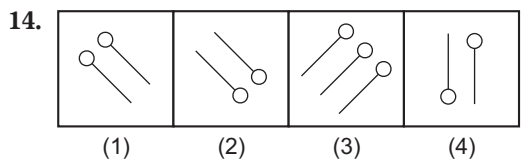
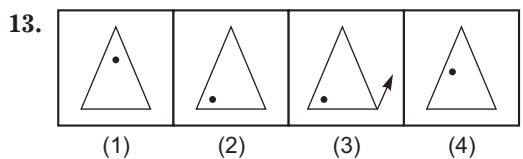
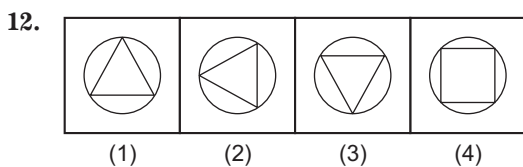
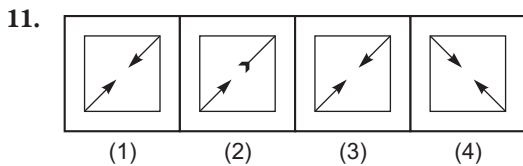
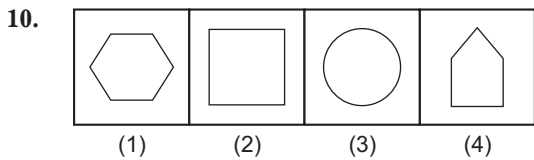
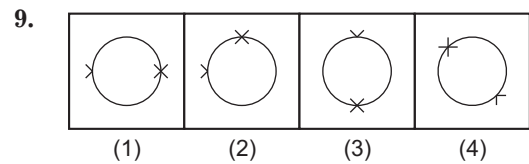
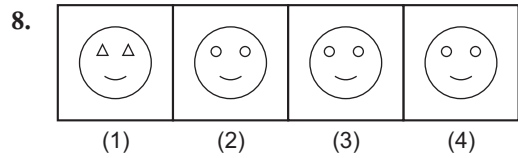
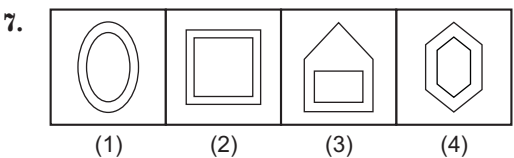
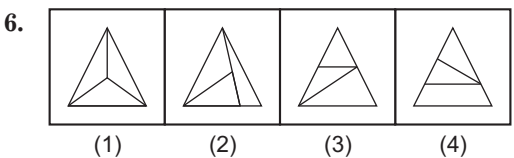
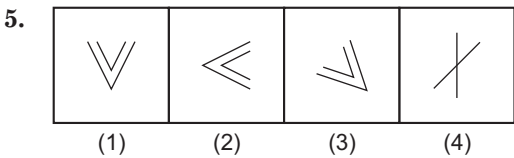
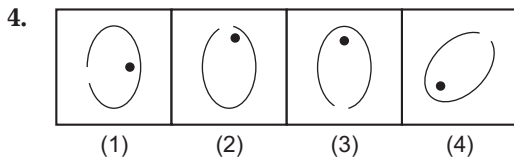
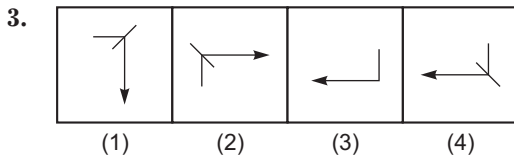
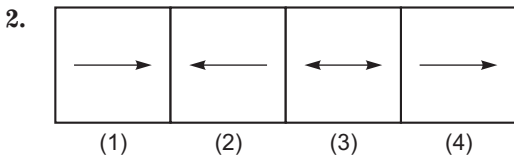
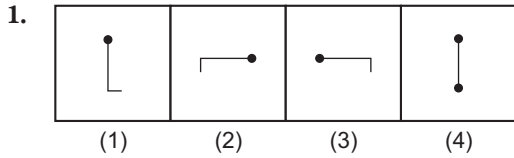
Hints and Solutions

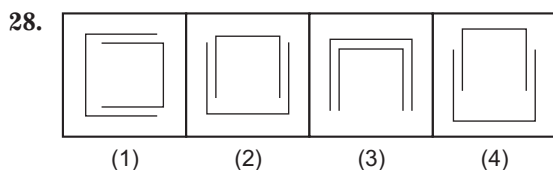
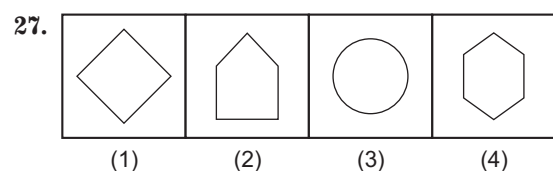
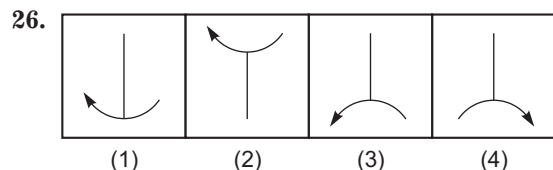
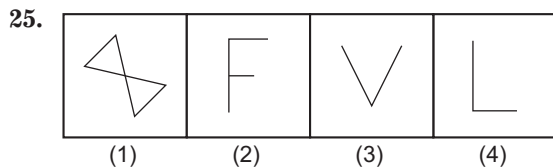
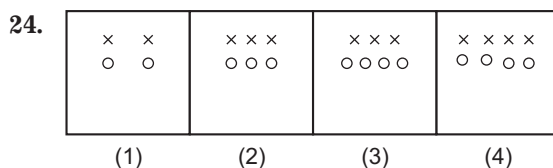
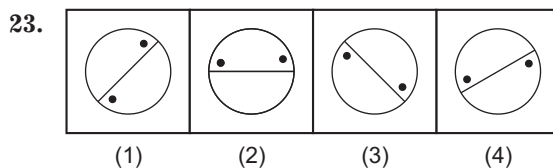
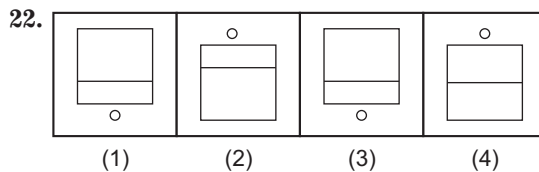
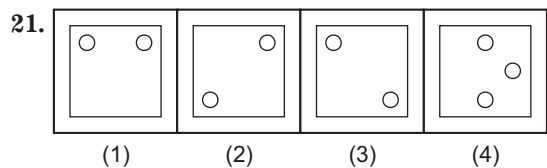
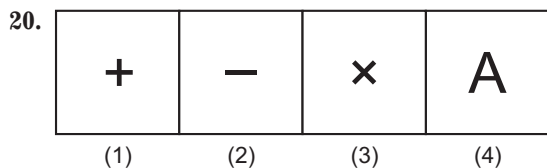
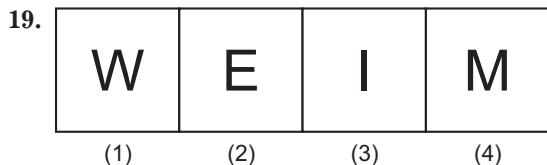
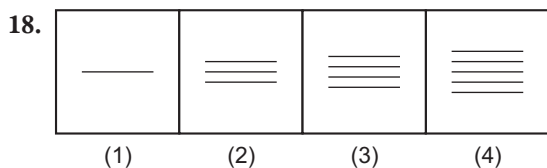
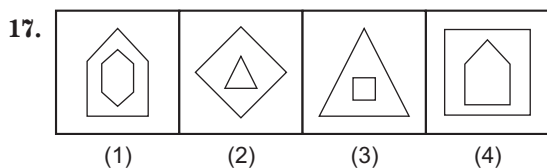
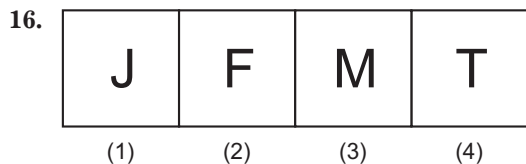
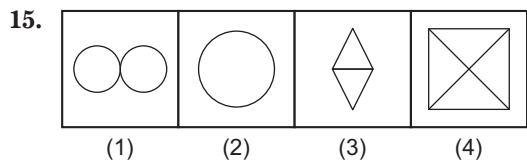
- Except figure (3), all other figures are closed figures.
- Except figure (1), all other figures have only one shaded portion.
- Except figure (3), all other figures contain letters S, U and N, while figure (3) has letter 'O' in place of 'U'.
- Except figure (4), letters in all other figures are made up of three straight lines while letter in figure (4) is made up of four straight lines.
- Except figure (3), in all other figures both the arrows are in opposite direction.
- Except figure (4), all other figures are same when rotated.

7. Except figure (1), in all other figures the number small lines at the top of the figure is same as the number straight lines in the main figure.
8. Only figure (2) has three small black dots.
9. All figures have straight lines but figure (4) has curved lines which is different than the other figures.
10. A small circle has been drawn inside the figures in serial numbers (1), (2) and (4). But in figure (3) a small triangle has been drawn inside the figure (3).
11. Except figure (3), in all other figures the direction of both the shapes are different.
12. Except U, all others are made up straight lines. But 'U' is made up of curved line.
13. Except figure (2), in all other figures the number of lines in inner figure is one less than the number of lines in outer figure.
14. Except figure (4), all other figures contain letters T, R, E and E, while figure (4) has one extra 'T' in place of 'E'.
15. Only in figure (4) two lines divide the main figure in four equal parts.
16. Except figure (4), all other figures are made up of four lines.
17. Figure (3) has one closed loop while others do not have such loop
18. Figure (2) is divided into two parts while others are being divided into four parts.
19. Except figure (2), in all others, the number of circles are even.
20. Direction of arrows in all figures except figure (3), is in clockwise direction.
21. Except figure (2), all other figures are same when rotated.
22. Except figure (2), all other figures have same smiling face.
23. Except figure (4), all other figures are made up of straight lines only.
24. Except figure (1), all other figures have curved lines.
25. Except figures (3), all others are rotating in anti-clockwise direction.
26. Only letter 'J' has one curved line.
27. Except figure (3), all other figures have parallel lines.
28. Except figure (3), all other figures are divided into two equal parts.
29. Except figure (3), in all others, both designs are same.
30. Except figure (3), in all others, both designs are same.
31. Except figure (4), in all others, the arrow is moving in clockwise direction.
32. Except figure (2), all other figures are same when rotated.
33. Except figure (3), In all other, only one side is shaded.
34. Except figure (1), all other figures are same when rotated.
35. Except figure (4), in all other figures the lower part of the triangle is shaded.
36. Except figure (1), in all others, the design has two circles.
37. Except figure (3), in all others, the circles are at the end of the design.
38. Except figure (2), all other figures have designs like petals.
39. Except figure (2), all others are same in structures.
40. Except figure (2), in all others, the number of head of the arrow is odd.
41. Except figure (3), circle in all other figures are divided into two equal parts.
42. Except figure (3), in all other figures both the circle are inside the square.
43. Except figure (2), in all other figures there is two black dots.
44. Except figure (2), all other figures are same when rotated.
45. Except figure (4), in all other figures both the shaded squares are not adjacent to each other.
46. Except figure (3), all other figures are same.

Self Practice

Directions (Q. Nos. 1–28) In the following questions, there are four figures. Three of them have common relation or characteristics and belong to one class. Select the figure which different and does not have any relation with the other figures in the group.





Answers

1 (4)	2 (3)	3 (3)	4 (2)	5 (4)	6 (1)	7 (3)	8 (1)	9 (2)	10 (3)
11 (2)	12 (4)	13 (3)	14 (4)	15 (2)	16 (1)	17 (2)	18 (3)	19 (3)	20 (4)
21 (4)	22 (4)	23 (2)	24 (3)	25 (1)	26 (1)	27 (3)	28 (3)		