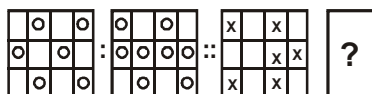


## ANALOGY AND SIMILARITY

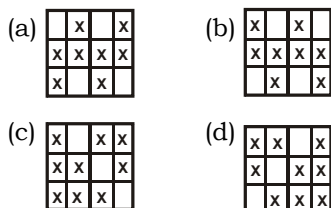
## Exercise

**Directions (1-13):** In each of the following questions, select the related figure from the given alternatives.

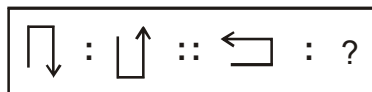
1. Question Figures:



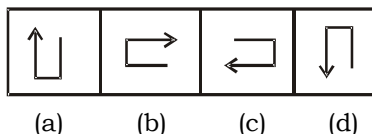
Answer Figure:



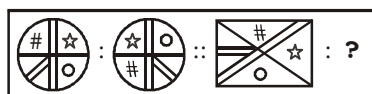
2. Question Figures:



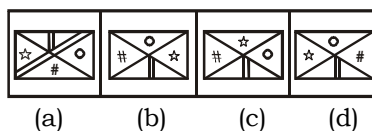
Answer Figures:



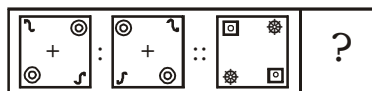
3. Question Figures:



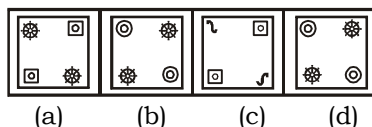
Answer Figures:



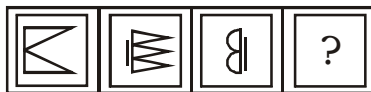
4. Question Figures:



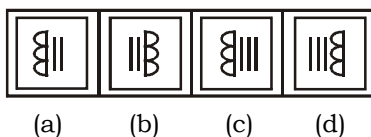
Answer Figures:



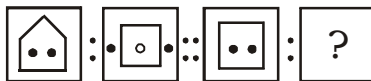
5. Question Figures:



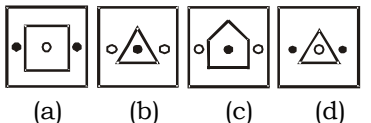
Answer Figure:



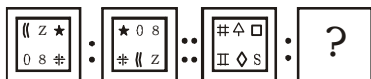
6. Question Figures:



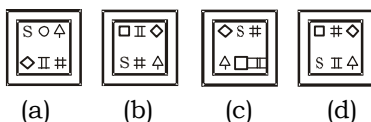
Answer Figure:



7. Question Figures:

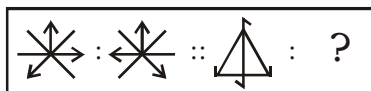


Answer Figure:

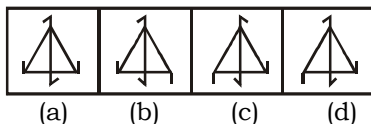


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8. Question Figures:



Answer Figure:



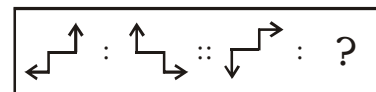
9. Question Figures:



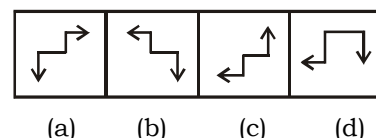
Answer Figure:



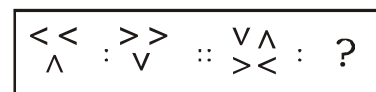
(a) (b) (c) (d)  
10. Question Figures:



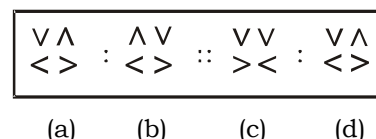
Answer Figure:



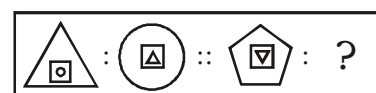
11. Question Figures:



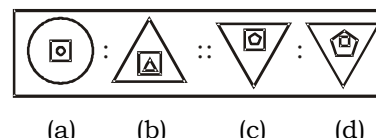
Answer Figure:



12. Question Figures:



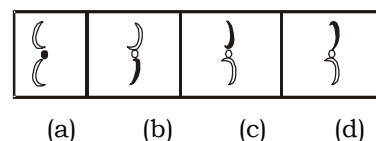
Answer Figure:



13. Question Figures:



Answer Figures:




## Answer Key

1. (a)	3. (c)	5. (a)	7. (b)	8. (a)	9. (b)	10. (b)	11. (b)	12. (c)	13. (a)
2. (c)	4. (a)	6. (d)							

### SOLUTION

1. (a) From first figure to second figure the circles of upper row move one block in anticlockwise direction and two circles are added in the middle row. In similar way, the two crosses of lower row move one block in anticlockwise direction and two crosses are added in the middle row.
2. (c) From the first figure to the second figure the design is inverted laterally.
3. (c) From the first figure to the second figure all the four smaller designs move one sector in anticlockwise direction.
4. (a) From first figure to second figure, four designs move one step in clockwise direction.
5. (a) From first figure to second figure one triangle is added and one line segment appears.
6. (d) From first figure to second figure one side of the pentagon is deleted and a square is formed and the two black dots move out of the main design while a small white circle is introduced inside the main design.
7. (b) The following changes occur from first figure to second figure.
 


8. (a) The second figure is the mirror image of the first figure.
9. (b) From first figure to second figure the circle is changed into a square.
10. (b) The second figure is the mirror image of the first figure.
11. (b) From first figure to second figure all the designs are inverted.
12. (c) From first figure to second figure the innermost and the outer most designs are inverted.
13. (a) From first figure to second figure the middle design becomes shaded, the left design moves to the bottom after being rotated through 90° clockwise and the right design moves to the top after being rotated through 90° anticlockwise.

