Figure Matrix

Directions (1-18): In each of the following questions, select a figure from the options which completes the figure matrix.
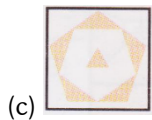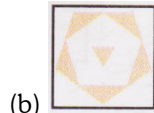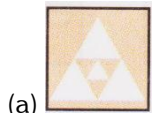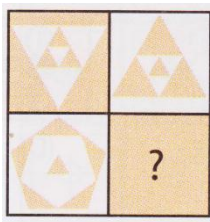
1.

(a) (b)
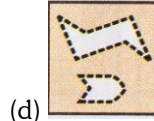
(c) (d)
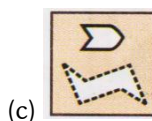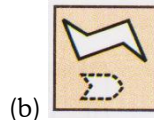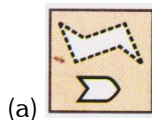
2.

(a) (b)

(c) (d)

3.

(a) (b)

(c) (d)

4.

(a)　　　(b)

(c)　　　(d)

5.

(a)　　　(b)

(c)　　　(d)

6.

(a)　　　(b)

(c)　　　(d)

7.

(a)　　　　　　　(b)

(c)　　　　　　　(d)

8.

(a)　　　　　　　(b)

(c)　　　　　　　(d)

9.

(a)　　　　　　　(b)

(c)　　　　　　　(d)

10.

(a)

(b)

(c)

(d)

11.

(a)

(b)

(c)

(d)

12.

(a)

(b)

(c)

(d)

5

13.

(a)
(b)
(c)
(d)

14.

(a)
(b)
(c)
(d)

15.

(a)
(b)
(c)
(d)
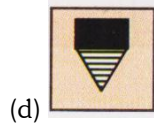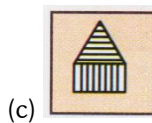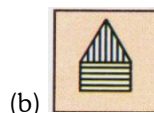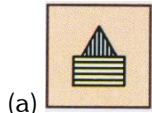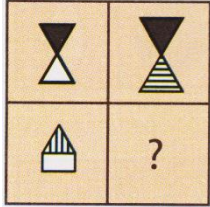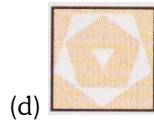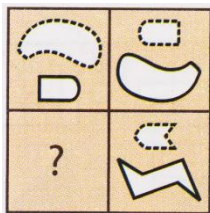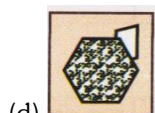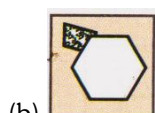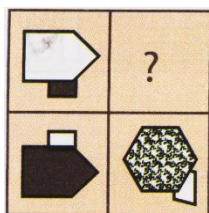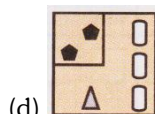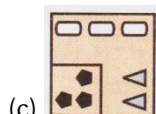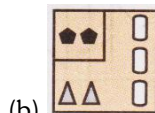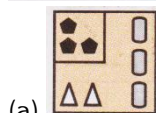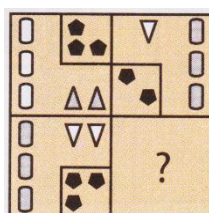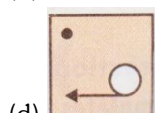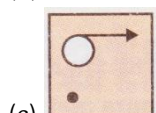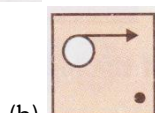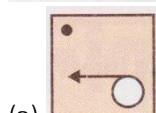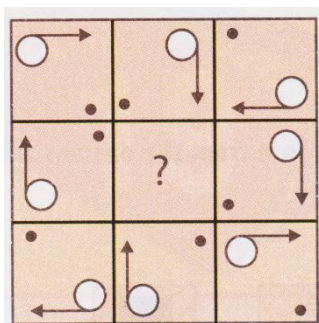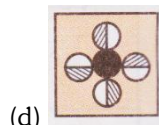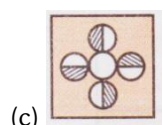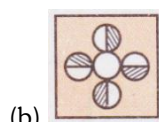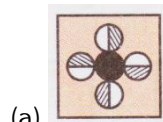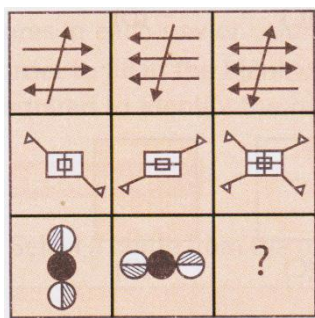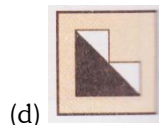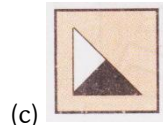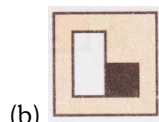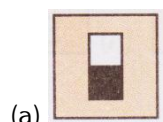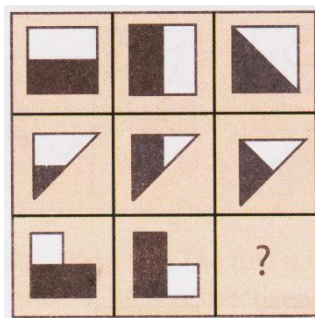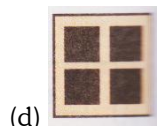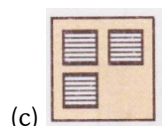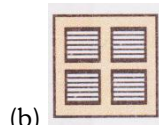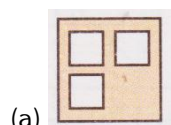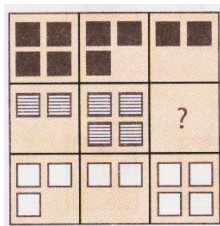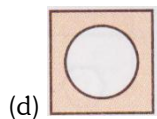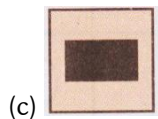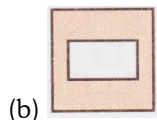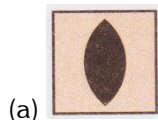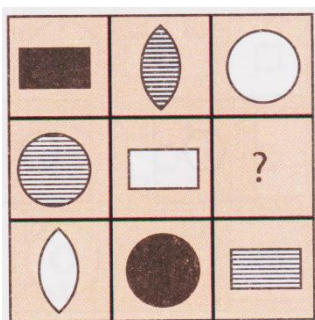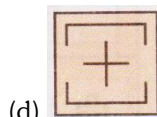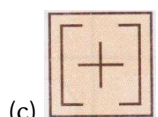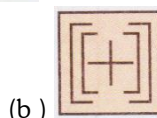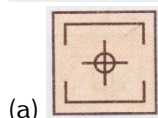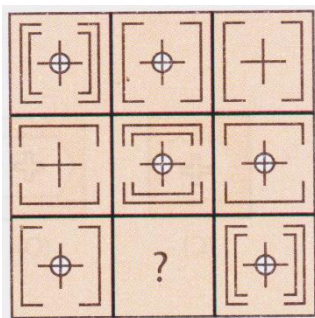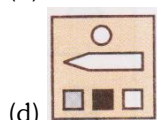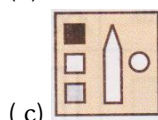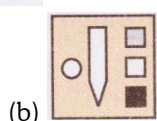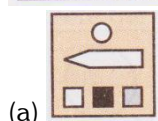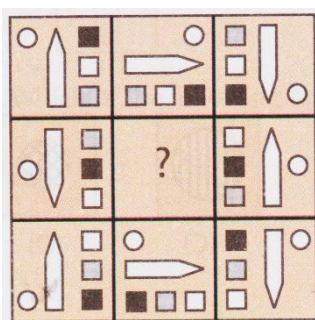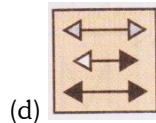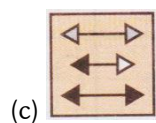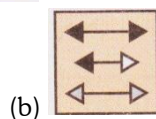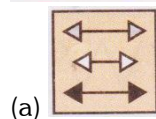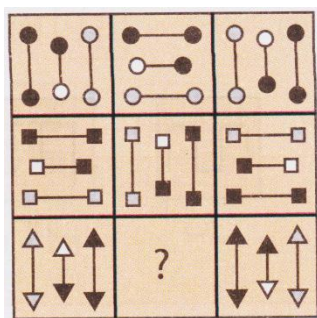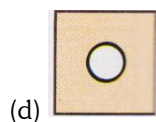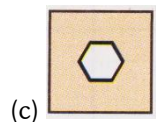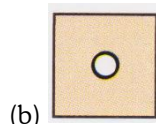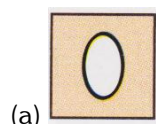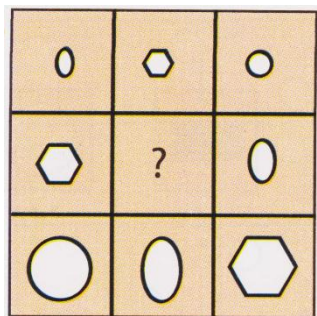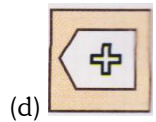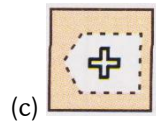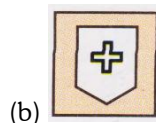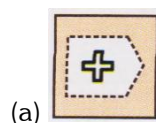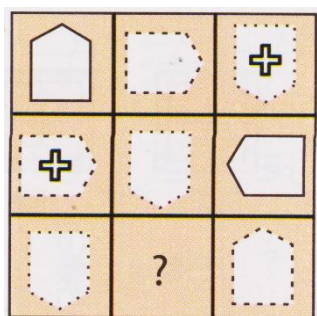
16.
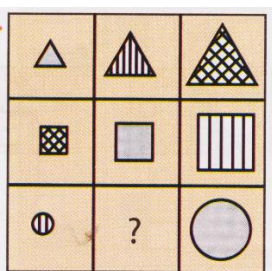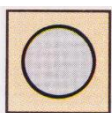
(a) (b)

(c) (d)

17.
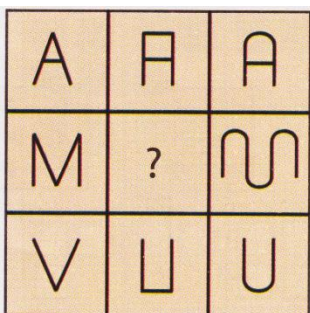
(a) (b)
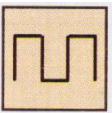
(c) (d)
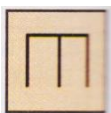
18.
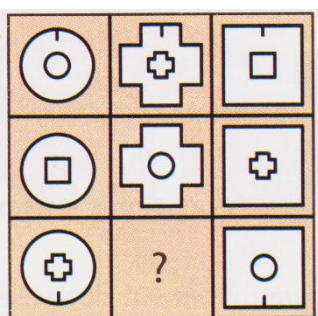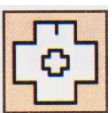
(a) (b)

(c) (d)

19. Which of the following figures will complete the given figure matrix?
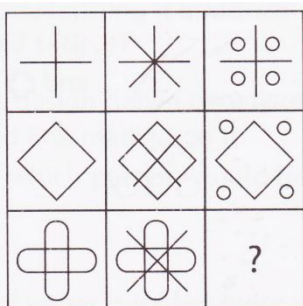
(a)   (b)

(c)   (d)

20. Which of the following figures will complete the given figure matrix?   **(SOF NSO 2017)**
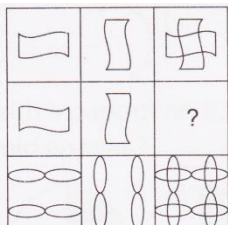
(a)   (b)

(c)   (d)

ANSWER - KEY									
1.	B	**2.**	D	**3.**	A	**4.**	C	**5.**	D
6.	B	**7.**	D	**8.**	D	**9.**	C	**10.**	A
11.	C	**12.**	A	**13.**	C	**14.**	D	**15.**	D
16.	D	**17.**	C	**18.**	B	**19.**	B	**20.**	A

EXPLANATIONS

2.   (d): The figures in second column is obtained by vertically inverting each shape and the shading is reversed.

6.   (b) : Both arrows and dots moves CW in rows.

7.   (d): In each row, the 3rd figure is a combination of both 1st and 2nd figures.
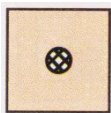
9.   (c) : Number of squares in each row is 2, 3 and 4.

12.   (a): Figure is rotated 90° CW in each row.

13.   (c) : Each figure is rotated 90° CW in each row.
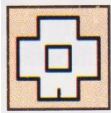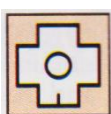
14.   **(d):** In each row, figure size is increased step by step.

15.   (d) : Each figure rotates 90° clockwise in each next step and the shapes are of three types: solid, dashed and dotted.

18.   **(b) :** Each column has alternately ◯, ▢ and ✚ figures in its inner position.