7. Analogy

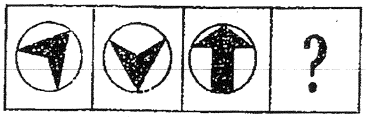
This type of Analogy involves problems consisting of four figures marked A, B, C and D forming the Problem Set and five other figures marked 1, 2, 3 and 4 forming the Answer Set. The figures A and B of the Problem set are related in a particular manner and a similar relationship is to be established between figures C and D by choosing a figure from the Answer set which would replace the question mark in fig. (C) or fig. (D).

Solved Examples

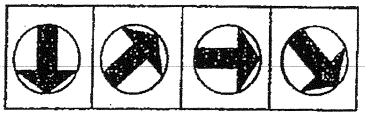
Directions: Figures A and B are related in a particular manner. Establish the same relationship between figures C and D by choosing a figure from amongst the five alternatives, which would replace the question mark in fig. (D)

Ex.1

PROBLEM FIGURES



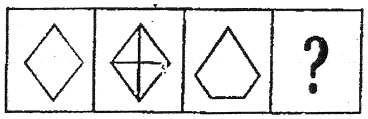
ANSWER FIGURES



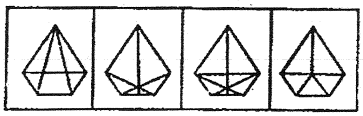
Sol. Clearly, fig. (A) rotates through 135°CW to form fig. (B). Similar relationship will give fig. (4) from fig. (C). Hence, fig. (4) is the answer.

Ex.2

PROBLEM FIGURES



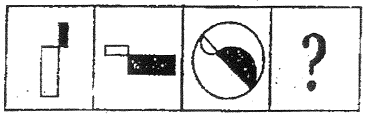
ANSWER FIGURES



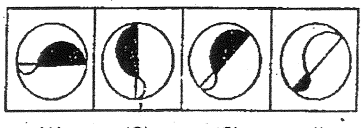
Sol. Fig. (A) is divided into as many parts as the number of sides in the figure, to get fig. (B). Similarly, fig. (4) will be obtained when fig. (C) is divided into as many parts as the number of sides in fig. (C). Hence, fig. (4) is the answer.

Ex.3

PROBLEM FIGURES



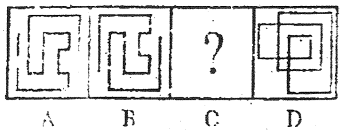
ANSWER FIGURES



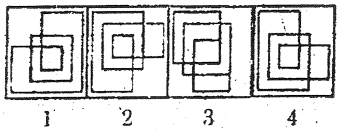
Sol. Fig. (A) rotates through 90° ACW; the black portion turns white while the white portion turns black. This gives fig. (B). Similar changes in fig. (C) will give fig. (4). Hence, fig. (4) is the answer.

Ex.4 **Directions:** Figures A and B are related in a particular manner. Establish the same relationship between C and D by selecting a figure from amongst the five alternatives, which would replace the question mark in fig. (C)

PROBLEM FIGURES



ANSWER FIGURES

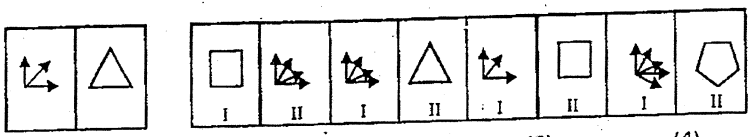


Sol. Clearly, fig. (A) is obtained by the vertical inversion of fig. (B). Similarly, fig. (4) is obtained when fig. (D) is vertically inverted. Hence, fig. (4) is the answer.

2. Choosing the set of similarly related figures

In this type of questions on analogy, a related pair of figures is provided followed by five other pairs of figures. The first pair is unnumbered and depicts a particular relationship between the two figures I and II. The five pairs are numbered as 1,2,3 and 4. You have to choose one pair out of these five, which most closely resembles the relationship indicated by the figures in the unnumbered pair.

Ex.5

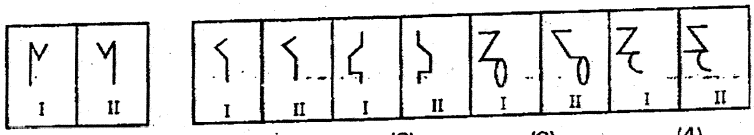


(1) (2) (3) (4)

Sol. Clearly, in the unnumbered pair of figures , fig. II has the same number of sides as the number of arrows in fig. I. Similar relationship is indicated between figures I and II of pair (4).

Hence, fig. (4) is the answer.

Ex.6



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

Sol. In the unnumbered pair of figures, fig. II is obtained by the lateral inversion of fig. I. The figures I and II in pair (2) indicate the same relationship.

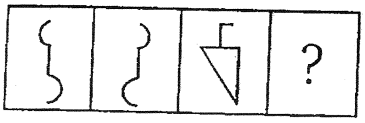
Hence, fig. (2) is the answer.

EXERCISE

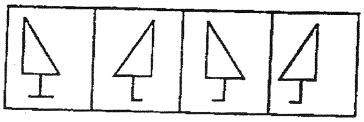
Directions (Q.1 to Q.13): Each of the following questions consists of two sets of figures. Figures A, B, C and D constitute the Problem Set while figures 1, 2, 3 and 4 constitute the Answer Set. There is a definite relationship between figures A and B. Establish a similar relationship between figures C and D by selecting a suitable figure from the Answer Set that would replace the question mark (?) in fig. (D).

PROBLEM FIGURES **ANSWER FIGURES**

1.



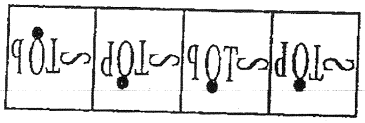
A B C D



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

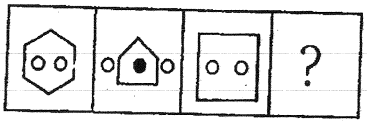
2.

A B C D

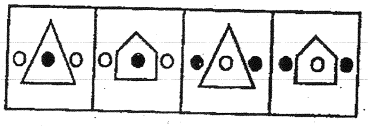


(1) (2) (3) (4)

3.

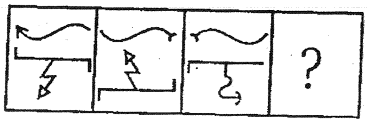


A B C D

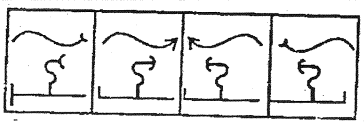


(1) (2) (3) (4)

4.

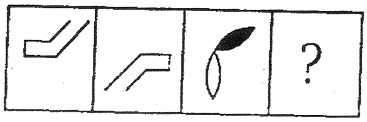


A B C D

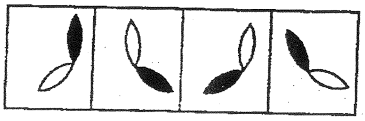


(1) (2) (3) (4)

5.

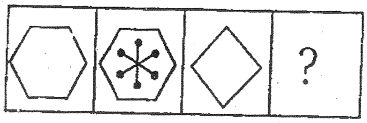


A B C D

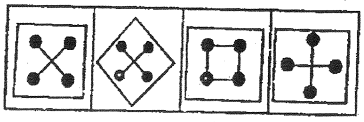


(1) (2) (3) (4)

6.

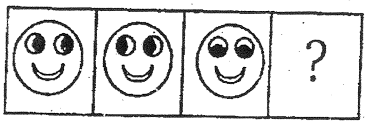


A B C D

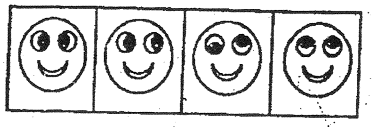


(1) (2) (3) (4)

7.

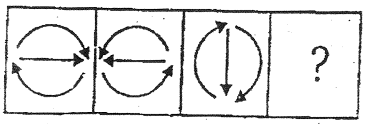


A B C D

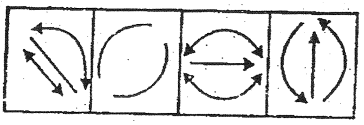


(1) (2) (3) (4)

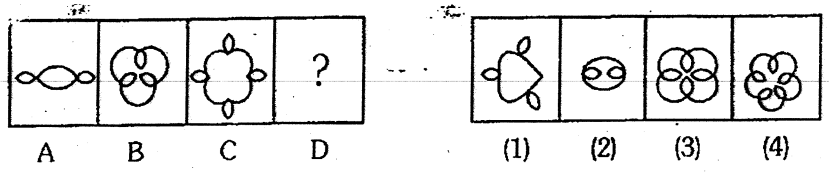
8.

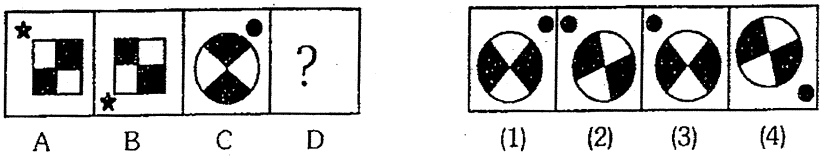


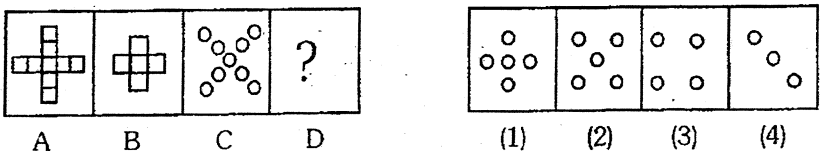
A B C D

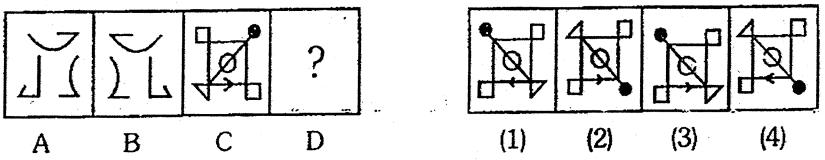


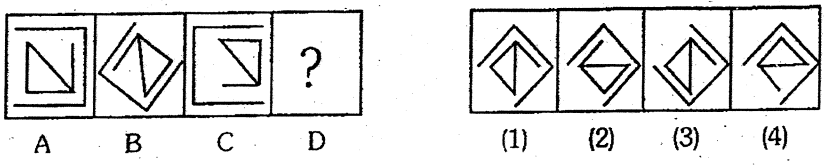
(1) (2) (3) (4)

9. 

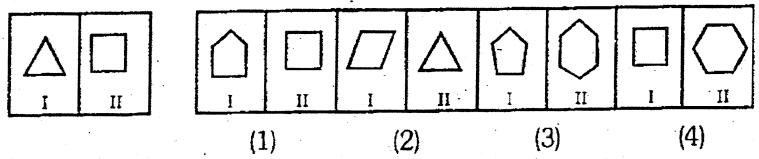
10. 

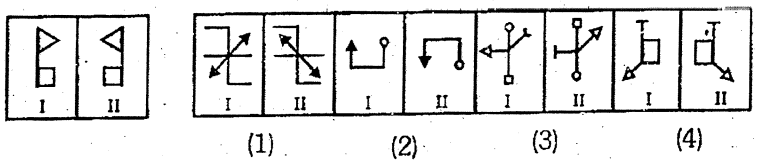
11. 

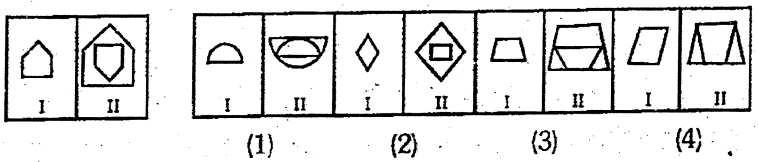
12. 

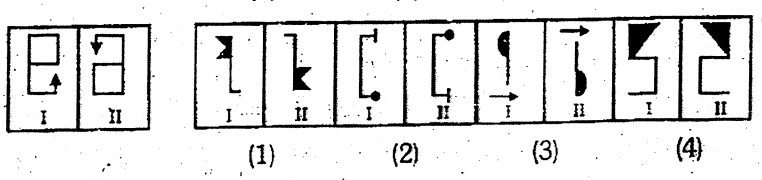
13. 

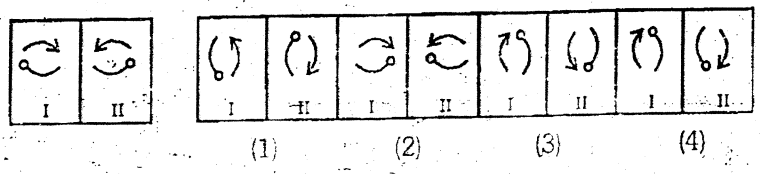
Directions (Q.14 to Q.25): In each of the following questions, a related pair of figures (unnumbered) is followed by five other pairs of figures numbered as 1, 2, 3 and 4. Out of the five numbered pairs, select the pair that has a relationship similar to that in the unnumbered pair. The best answer is to be selected from a group of fairly close choices.

14. 

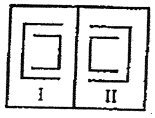
15. 

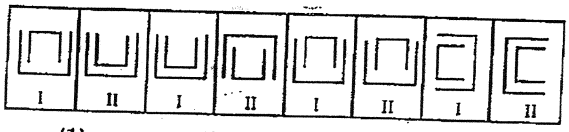
16. 

17. 

18. 

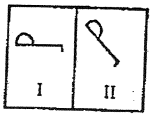
19.

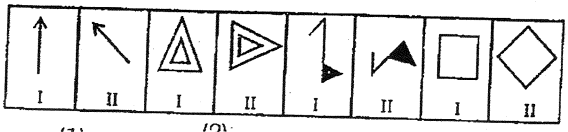




(1) (2) (3) (4)

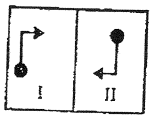
20.

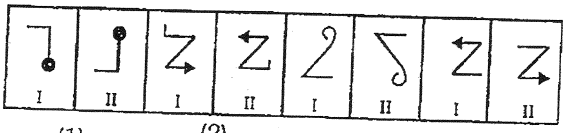




(1) (2) (3) (4)

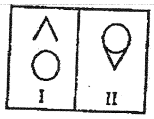
21.

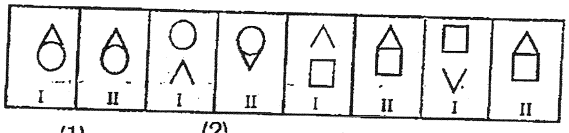




(1) (2) (3) (4)

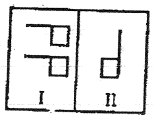
22.

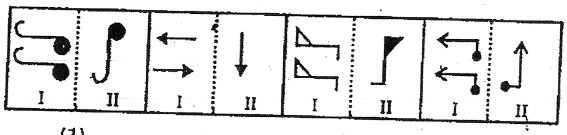




(1) (2) (3) (4)

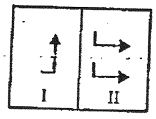
23.

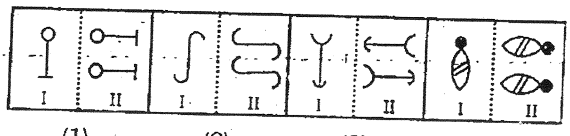




(1) (2) (3) (4)

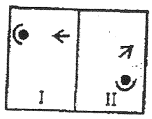
24.

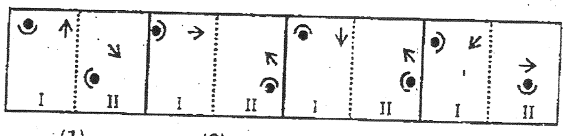




(1) (2) (3) (4)

25.





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

EXERCISE ANSWER KEY

Que.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ans.	2	2	1	2	3	2	4	4	5	3	2	1	1	3	4	3	1	2	3	4
Que.	21	22	23	24	25															
Ans.	4	4	4	2	3															