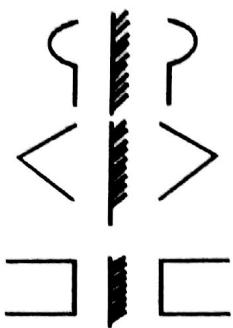


Split the figure and make the mirror image



Now join the images

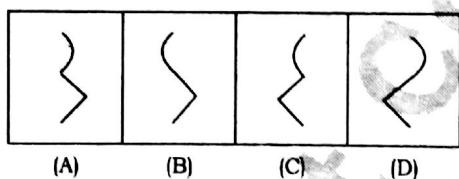


**Answer :** Hence in the given question the mirror image will be (C).

**Example : 5**

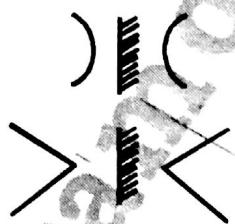
On M , N point of the given structure which type of image will form?

**Problem figure      Answer figures**



**Answer :** According to the problem figure the structure created on point M, N will be the stucture as shown in the option (C).

Split the figure



Now join the images



**Example : 6**

REASONING

- (A) REASONING  
(C) DINOSAER

- (B) REASONING  
(D) REASONING

**Answer : (A)**

**Example : 7**

54316

- (A) 24316  
(C) 24316

- (B) 61345  
(D) 61345

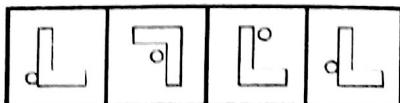
**Answer : (C)**

## Exercise

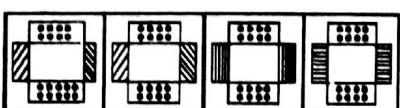
**Directions:** (Q. 1-50) In each of the following questions a problem figure or a combination of letters or/and numbers is given which is followed by four alternative (A) , (B) , (C) and (D). Find out the alternative which is the mirror-image of the given combination.

**Problem Figure**

**Answer Figures**



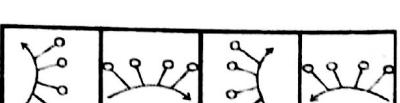
- (A) (B) (C) (D)



- (A) (B) (C) (D)



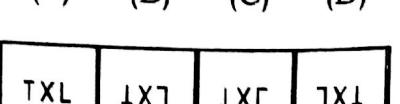
- (A) (B) (C) (D)



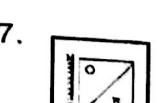
- (A) (B) (C) (D)



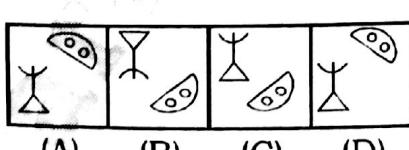
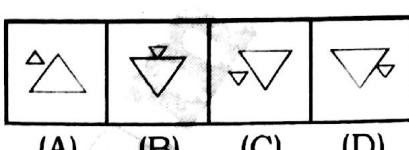
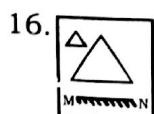
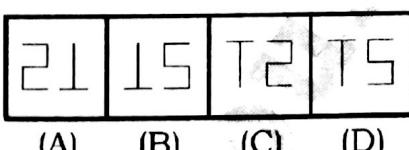
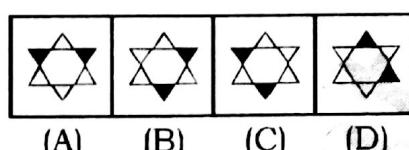
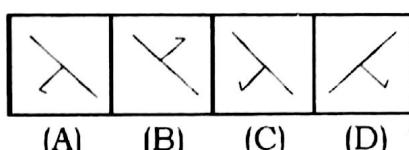
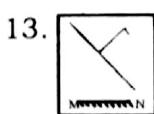
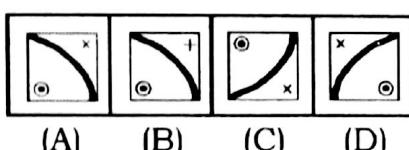
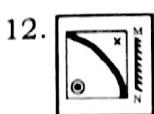
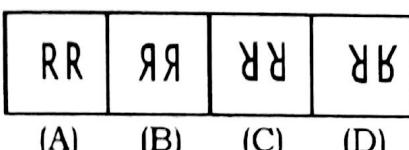
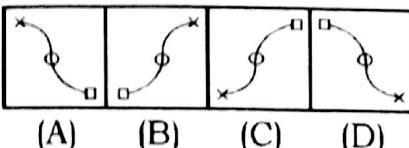
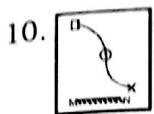
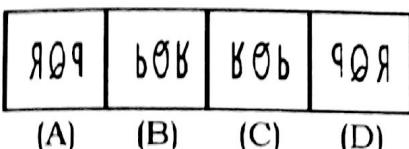
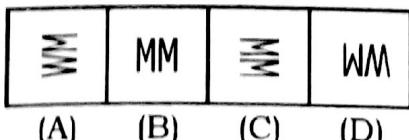
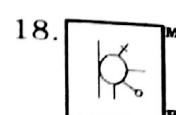
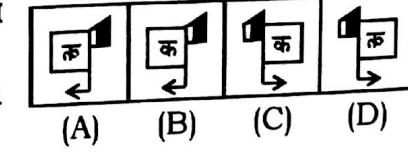
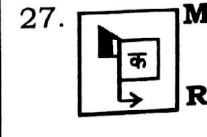
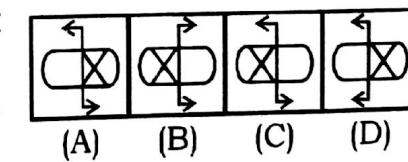
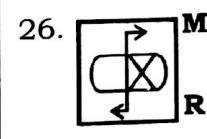
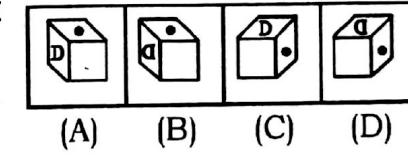
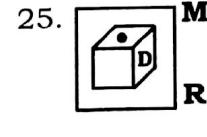
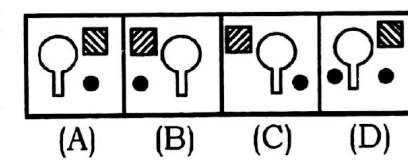
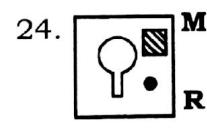
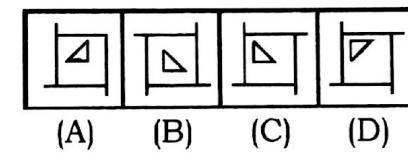
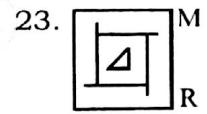
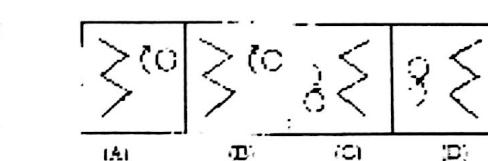
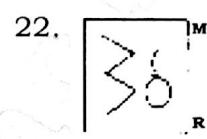
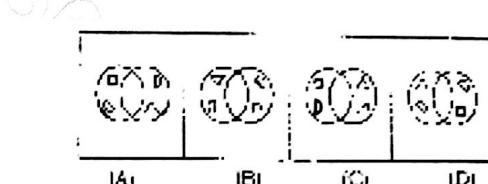
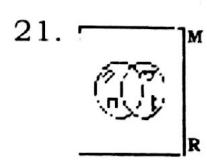
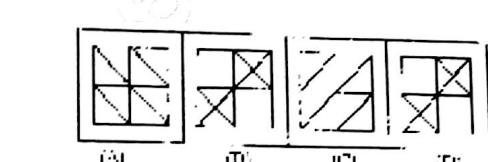
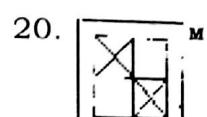
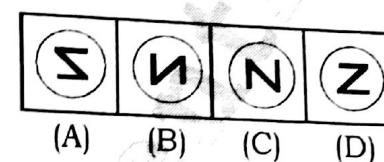
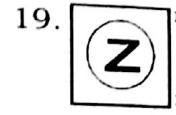
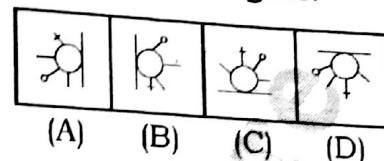
- (A) (B) (C) (D)



- (A) (B) (C) (D)



- (A) (B) (C) (D)

**Problem Figure****Answer Figure****Problem Figure****Answer Figure.**

28. M  
 R  
 (A) (B) (C) (D)
29. M  
 R  
 (A) (B) (C) (D)
30. M  
 R  
 (A) (B) (C) (D)
31. SCIENCE  
 (A) SCINCH (B) SCIENCE (C) ECNEICS
32. QUIZ  
 (A) ZIU Q (B) QUIZ (C) ZIU Q
33. BOOK  
 (A) BOOK (B) BOOK (C) BOOK
34. Based  
 (A) basd (B) Besad (C) besd
35. latest  
 (A) latest (B) latest (C) lsetal
36. EXAMS  
 (A) SAMXE (B) EXAMS (C) EMAXS
37. OFFICER  
 (A) RECIFO (B) OFFCER (C) OFFCER
38. CONTENTS  
 (A) CONNTENTS (B) CONTENTS (C) STNETNOC

39. POSITION  
 (A) POSITION (B) POSITION  
 (C) SPOSITION (D) NPOSITION
40. MIRROR  
 (A) MIRROR (B) MIRROR  
 (C) RORRIM (D) MIRROR
41. ANALOGY  
 (A) YGOLANA (B) ANALOGY  
 (C) ANALOGY (D) YGOLANA
42. ENGLISH  
 (A) ENGLISH (B) ENGLISH  
 (C) HSILNGH
43. GEOGRAPHY  
 (A) GEOPGRAPHY (B) YHPARGOEG  
 (C) GEOGRAPHY (D) GEOGRAPHY
44. INFORMATIONS  
 (A) SNOTIOMAFONI (B) SNOTIOMAFONI  
 (C) INFORAMTIONS (D) INFORMATIONIS
45. NATIONAL  
 (A) NATIONAL (B) NATIONAL  
 (C) NATIONAL (D) LANITONAL
46. BANK  
 (A) KNAK (B) BANK  
 (C) KNAK (D) ABANK
47. 1234  
 (A) 4 321 (B) 4321  
 (C) 1334 (D) 4421
48. 8193  
 (A) 818 (B) 8130  
 (C) 3818 (D) 3918
49. TEST  
 (A) TEST (B) TSET  
 (C) TSET (D) TEST

# ANSWERS

|         |         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 1. (C)  | 2. (B)  | 3. (D)  | 4. (D)  | 5. (D)  | 6. (A)  | 7. (C)  | 8. (D)  |
| 9. (A)  | 10. (B) | 11. (D) | 12. (D) | 13. (D) | 14. (D) | 15. (A) | 16. (C) |
| 17. (A) | 18. (A) | 19. (A) | 20. (B) | 21. (B) | 22. (C) | 23. (B) | 24. (B) |
| 25. (B) | 26. (C) | 27. (A) | 28. (A) | 29. (A) | 30. (A) | 31. (A) | 32. (B) |
| 33. (C) | 34. (A) | 35. (D) | 36. (C) | 37. (D) | 38. (A) | 39. (B) | 40. (D) |
| 41. (B) | 42. (B) | 43. (A) | 44. (C) | 45. (B) | 46. (B) | 47. (C) | 48. (A) |
| 49. (B) |         |         |         |         |         |         |         |

# WATER IMAGE

The reflection of an object as appears in water is known as **water-image**.

In water image the image of upper part of the object is seen downward and the lower part of the object is seen upward.

### Water images of numbers

| <u>Number</u> | <u>Water Image</u> |
|---------------|--------------------|
| 0             | 0                  |
| 1             | 1                  |
| 2             | 3                  |
| 3             | 3                  |
| 4             | 4                  |
| 5             | 2                  |
| 6             | 9                  |
| 7             | 5                  |
| 8             | 8                  |
| 9             | 6                  |

### Water images of capital letters

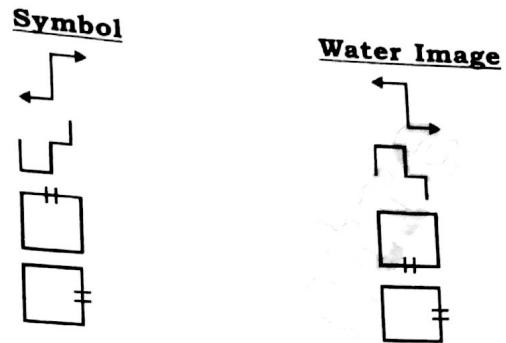
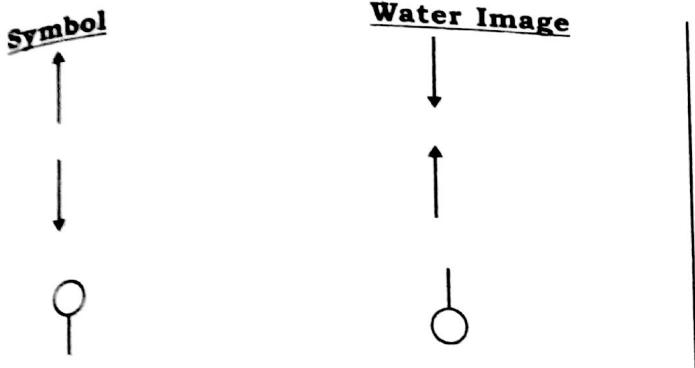
| <u>Letter</u> | <u>Water Image</u> |
|---------------|--------------------|
| A             | В                  |
| B             | В                  |
| C             | С                  |
| D             | Д                  |
| E             | Е                  |
| F             | Е                  |
| G             | Г                  |
| H             | Н                  |
| I             | И                  |
| J             | І                  |
| K             | К                  |
| L             | Г                  |
| M             | И                  |
| N             | О                  |
| O             | Ь                  |
| P             | Б                  |
| Q             | К                  |
| R             | Г                  |
| S             | І                  |
| T             | П                  |
| U             | А                  |
| V             | Л                  |
| W             | М                  |
| X             | Ж                  |
| Y             | Х                  |
| Z             | З                  |

### Water images of small letters

| <u>Letter</u> | <u>Water Image</u> |
|---------------|--------------------|
| a             | я                  |
| b             | р                  |
| c             | с                  |
| d             | е                  |
| e             | д                  |
| f             | г                  |
| g             | і                  |
| h             | ж                  |
| i             | і                  |
| j             | к                  |
| k             | і                  |
| l             | л                  |
| m             | и                  |
| n             | о                  |
| o             | ь                  |
| p             | б                  |
| q             | к                  |
| r             | г                  |
| s             | і                  |
| t             | п                  |
| u             | а                  |
| v             | л                  |
| w             | м                  |
| x             | ж                  |
| y             | х                  |
| z             | з                  |

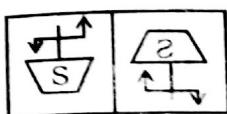
### Water-images of some symbols.

| <u>Symbol</u> | <u>Water Image</u> |
|---------------|--------------------|
| ★             | ★                  |
| △             | △                  |
| ▽             | ▽                  |
| ◇             | ◇                  |
| □             | □                  |
| ○             | ○                  |
| ●             | ●                  |
| ■             | ■                  |

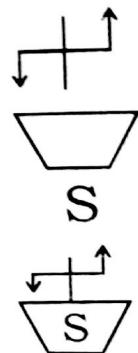


### Some Examples :

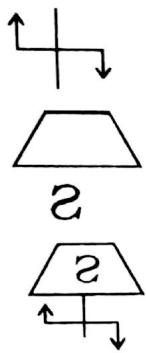
In water image the image of upper part of the object is seen downward and the lower part of the object is seen upward.



**Object**

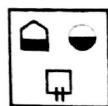


**Water Image**

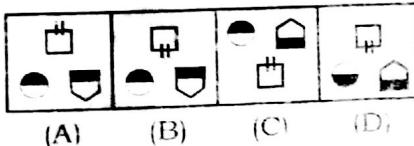


### Example 1.

**Problem Figure**



**Answer Figures**



**Answer with explanation :** Here the problem figure consists of three diagrams. First of all upper two diagrams will appear downward and the lower diagram will be seen upward. Besides, there will be individual change in each diagram also as shown below:

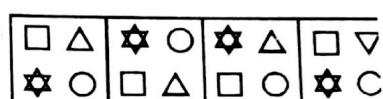
$$\bullet \rightarrow \circlearrowleft, \blacksquare \rightarrow \square, \text{ and } \blacksquare \rightarrow \square$$

be as in answer figure (A)

### Example 2.

**Problem Figure**

**Answer Figures**



(A) (B) (C) (D)

**Answer with explanation :** In the problem figure there are four diagrams. Both upper diagrams will be seen below while both the lower diagram will be on upper side. The four diagrams is shown below:

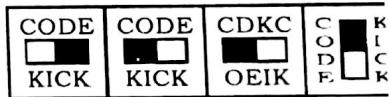
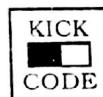
$$\star \rightarrow \star, \circlearrowleft \rightarrow \circlearrowleft, \square \rightarrow \square, \triangle \rightarrow \nabla$$

Hence the combined changed figure will be as in answer figure (D).

### Example 3.

**Problem Figure**

**Answer Figures**



(A) (B) (C) (D)

**Answer with explanation :** The lower part of the problem figure will be the upper part in the water-image and the upper part of the figure will be as in lower part. There will be no change in the black part.

Hence the water image of the problem figure appears in answer figure (B).

### Example 4.

**FAMILY**

(A) EYIMAE

(C) EAMIEY

(B) EYIMAE

(D) EYIMAE

Ans. (D)

### Example 5.

**WATER**

(A) ETAWER

(C) ETAWER

(B) ETAWER

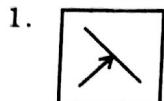
(D) ETAWER

Ans. (A)

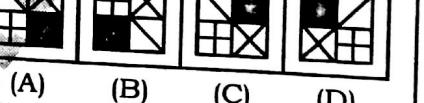
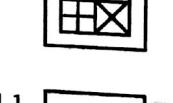
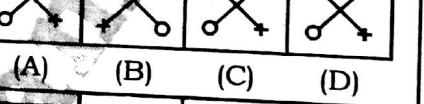
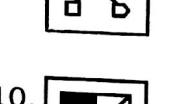
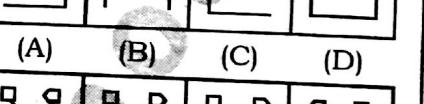
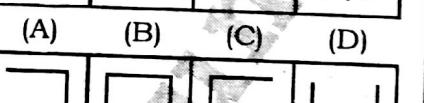
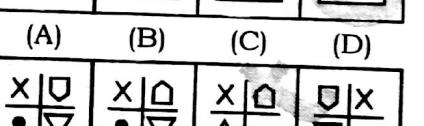
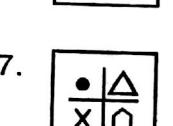
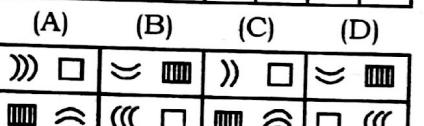
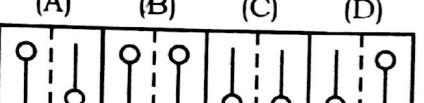
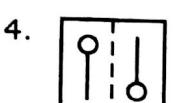
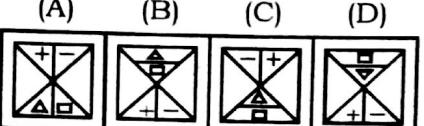
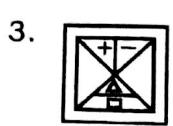
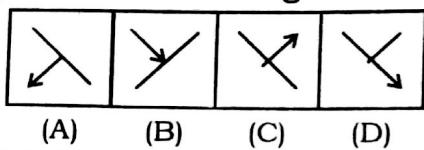
## EXERCISE

**Directions:** (Q. 1-50) In each of the following figure there is a problem figure which is followed by four answer figures. One of the answer figures is the water-image of the problem figure. Find the water image.

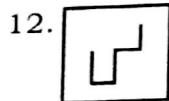
**Problem Figure**



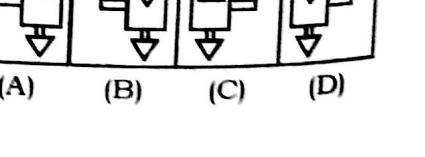
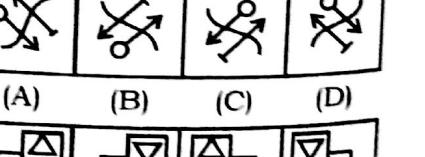
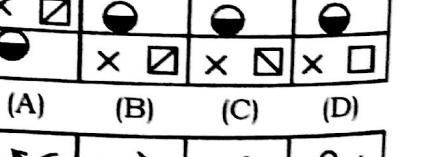
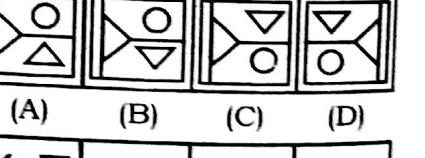
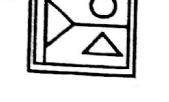
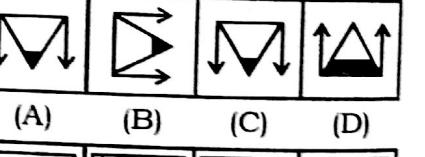
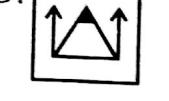
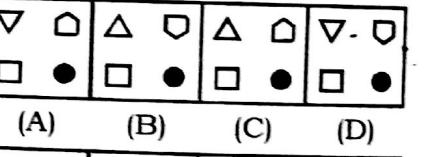
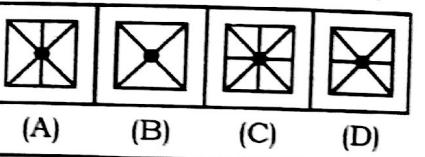
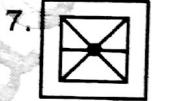
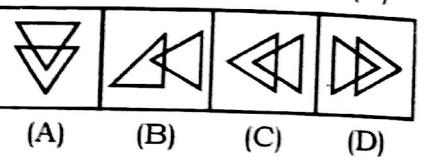
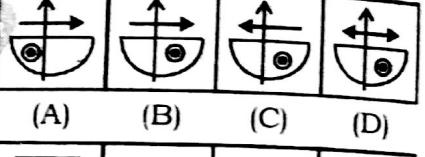
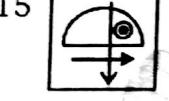
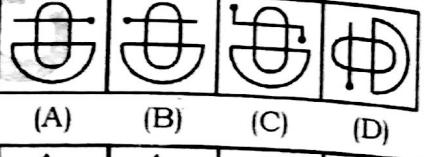
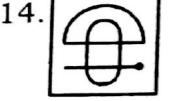
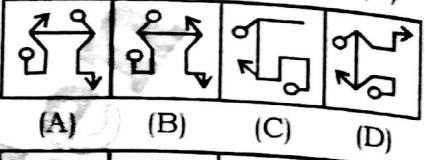
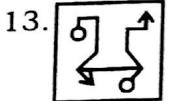
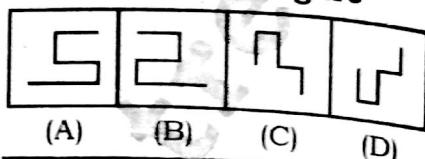
**Answer Figure**

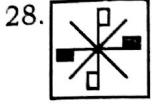
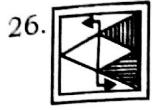


**Problem Figure**



**Answer Figure**



**Problem Figure**

29. MNOP  
(A) NMOP  
(C) OMNO

(B) PONM  
(D) MNOP

30. CDEF  
(A) CDEF  
(C) FEDC

(B) CDEF  
(D) FECD

31. CHIDE  
(A) EDHIC  
(C) EDIHC

(B) CHIDE  
(D) CHIDE

32. CODE  
(A) CODE  
(C) EDOC

(B) EDOC  
(D) EDOC

33. KICK  
(A) KICK  
(C) KCK

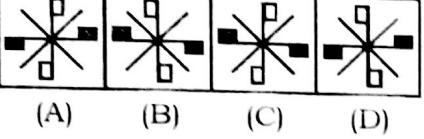
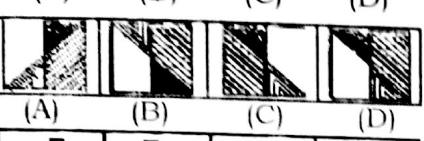
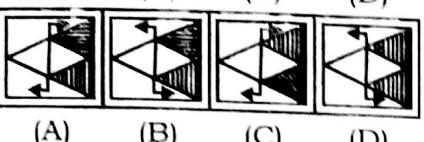
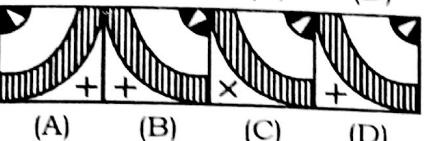
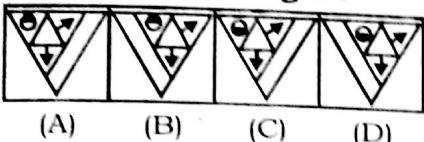
(B) KICK  
(D) KICK

34. RECRUIT  
(A) TURCRE  
(C) RECUTT

(B) RECRUIT  
(D) RECRUIT

35. ACOUSTIC  
(A) CTSUOCA  
(C) CTSUSOCA

(B) CTSUSOCA  
(D) CTSUSOCA

**Answer Figure**

36. NUCLEAR

(A) ԿՎԵՐԸՆ  
(C) ԽՎԵՐԸՆ

37. QUARREL

(A) ՃՈՎՔՔԵՐ  
(C) ՂՈՎՔՔԵՐ

38. U4P15B7

(A) ԱԳԵԼՑԲԴ  
(C) ԱԳԵԼՑԲԴ

39. PQ8AF5BZ9

(A) ԿՋՎԱԵՑԲԶ  
(C) ԿՋՎԱԵՑԲԶ

40. VAYU8436

(A) ՅՎԱՅՎՎՎՎ  
(C) ՅՎԱՅՎՎՎՎ

41. 96FSH52

(A) ՀՇՏԵ69  
(C) ՀՇՏԵ69

42. monday

(A) յանուան  
(C) յանուան

43. wrote

(A) wrote  
(C) wrofe

44. 01234

(A) 01234  
(C) 01324

45. DK17C

(A) DK17C  
(C) C71KD

46. ab45CD67

(A) ab42CD67  
(C) ab42CD67

47. D6Z7F4

(A) ՓԵՎՁԱ  
(C) ՓԵՎՁԱ

48. XYZ

(A) XZY  
(C) XZY

(B) ԿՎԵԼԾՈՆ  
(D) ԽՎԵԼԾՈՆ

(B) ՂԵՐԱՔ  
(D) ՂԵՐԱՔ

(B) ԱՑԵԼՑԲԴ  
(D) ԱՑԵԼՑԲԴ

(B) ՅՎԱՅՎՎՎՎ  
(D) ՅՎԱՅՎՎՎՎ

(B) ՅՎԱՅՎՎՎՎ  
(D) ՅՎԱՅՎՎՎՎ

(B) ՀՇՏԵ69  
(D) ՀՇՏԵ22

(A) յանուան  
(D) յանուան

(B) եթու  
(D) յթու

(B) 43210  
(D) 43214

(B) ՀՎ1KD  
(D) ՀՎ1KD

(B) ՓԵՎՁԱ  
(D) ՓԵՎՁԱ

(B) ՖԵՎՁԱ  
(D) ՖԵՎՁԱ

(B) XZY  
(D) XZY

**ANSWER KEY**

- |         |         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 1. (B)  | 2. (A)  | 3. (D)  | 4. (D)  | 5. (A)  | 6. (C)  | 7. (A)  | 8. (B)  |
| 9. (B)  | 10. (B) | 11. (C) | 12. (C) | 13. (A) | 14. (A) | 15. (B) | 16. (A) |
| 17. (D) | 18. (B) | 19. (A) | 20. (C) | 21. (C) | 22. (C) | 23. (A) | 24. (B) |
| 25. (D) | 26. (A) | 27. (C) | 28. (B) | 29. (C) | 30. (A) | 31. (D) | 32. (A) |
| 33. (D) | 34. (B) | 35. (B) | 36. (D) | 37. (A) | 38. (C) | 39. (D) | 40. (B) |
| 41. (C) | 42. (D) | 43. (C) | 44. (D) | 45. (A) | 46. (B) | 47. (C) | 48. (B) |

# PAPER FOLDING & CUTTING

In this type of questions, some figures are given.

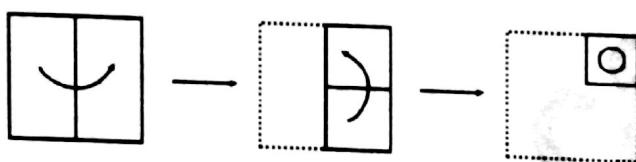
- (A) In the first figure a paper sheet is shown in any shape and size.
- (B) In second figure, it is shown folded in two parts. The part which is covered on other is shown by dotted lines. The arrow shows the direction of the fold.
- (C) In third figure, it is again folded and some of its part is cut or punched as shown in the figure. It is then unfolded.

The pattern so obtained is one of the four alternatives given in the answer figure. The candidate has to find which one of the four alternatives most closely resembles the pattern when unfolded.

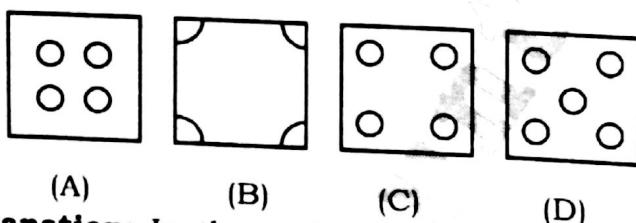
### **Example 1.**

In the following problem figure a piece of paper is shown folded and then a circle shape pattern is cut in it. If this paper is again unfolded then what shape will it take?

#### **Problem Figure**



#### **Answer Figure**



- (A) (B) (C) (D)

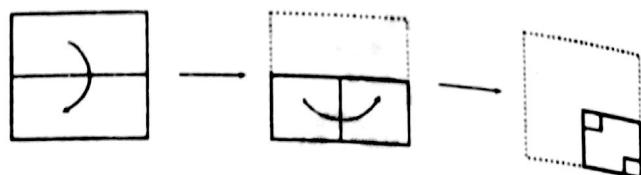
**Explanation:** In the problem figure, first the paper is folded along the arrow shown and then a circle is cut at the centre of the folded paper.

So after opening that paper, four circles will appear in the four different part as shown in option (C).

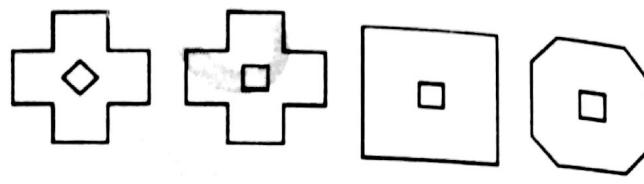
### **Example 2.**

In the following question, a square piece of paper is folded into two parts and then folded into four parts. A right angle shape is cut at the corner and at the centre of the folded paper. What shape will it take when we open it?

#### **Problem Figure**



#### **Answer Figure**



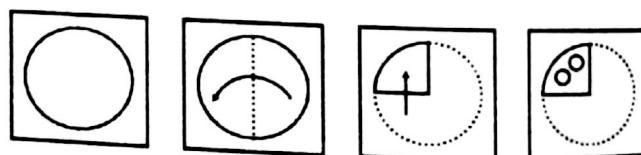
- (A) (B) (C) (D)

**Explanation :** When we re-open the paper, we find a right-angle cut at every corner of the paper and a square cut appears at the centre which is similar to fig. no. (B)

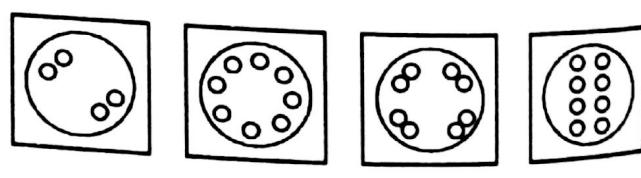
### **Example 3.**

A circular piece of paper is folded in two parts and then into four parts. After folding the paper two small circular shape is cut down in one of the corner of the paper. What will be the shape it takes after re-opening it?

#### **Problem Figure**



#### **Answer Figure**



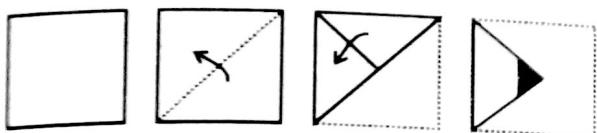
- (A) (B) (C) (D)

**Explanation :** When we open the paper, eight circular shapes will appear all around the circular paper as shown in Ans. Fig. (B)

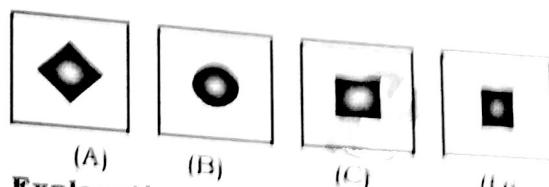
### **Example 4.**

When a square piece of paper is taken and folded into four parts and an equilateral triangular shape is cut-down from the pointed side of paper what will the shape of the paper be?

**Problem Figure**



**Answer Figure**



**Explanation:** When we open the paper after the cut is made, we find a square cut in the centre of the paper which resembles the shape that appear in the answer fig (C).

**EXERCISE**

**Directions:** (Q. 1-30) In each of the questions, a piece of sheet is folded and cut and then unfolded. One of the four alternative figures marked (A), (B), (C) and (D) exactly resembles the unfolded paper. Select this figure.

**Problem Figure**

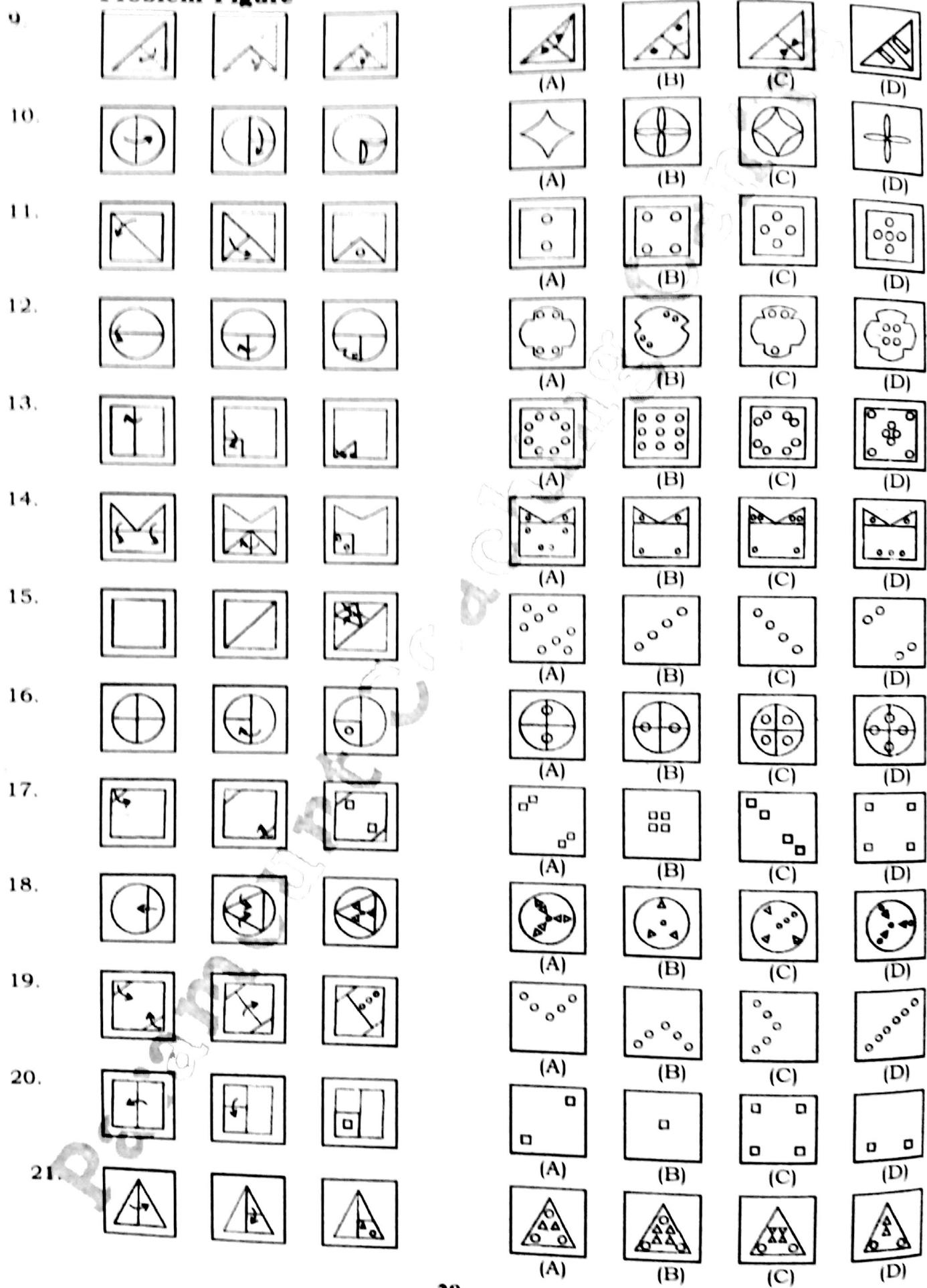
- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

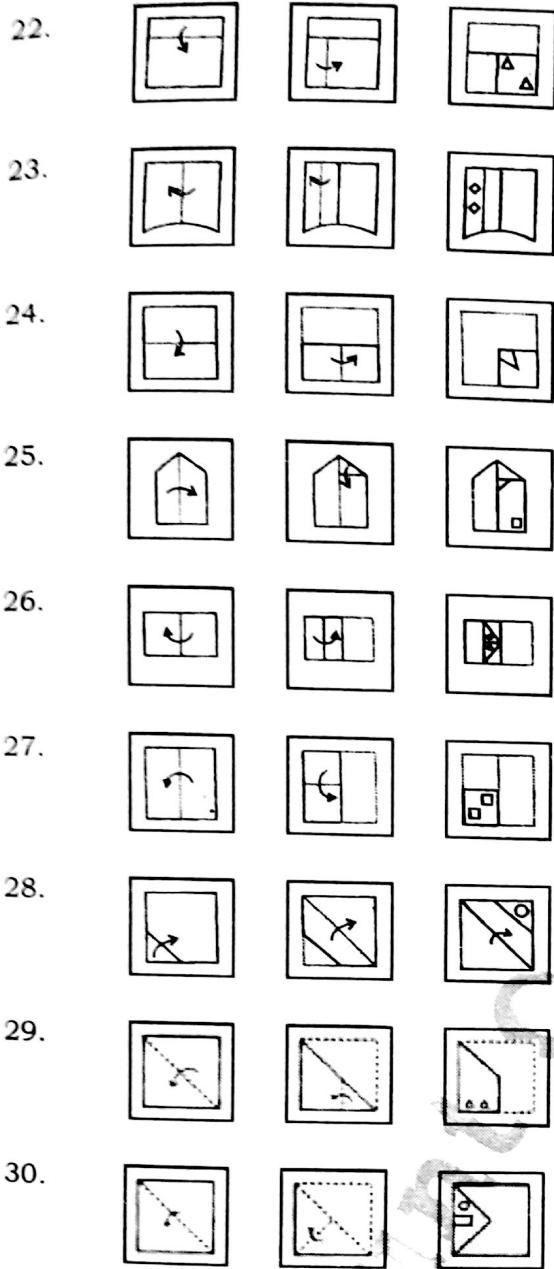
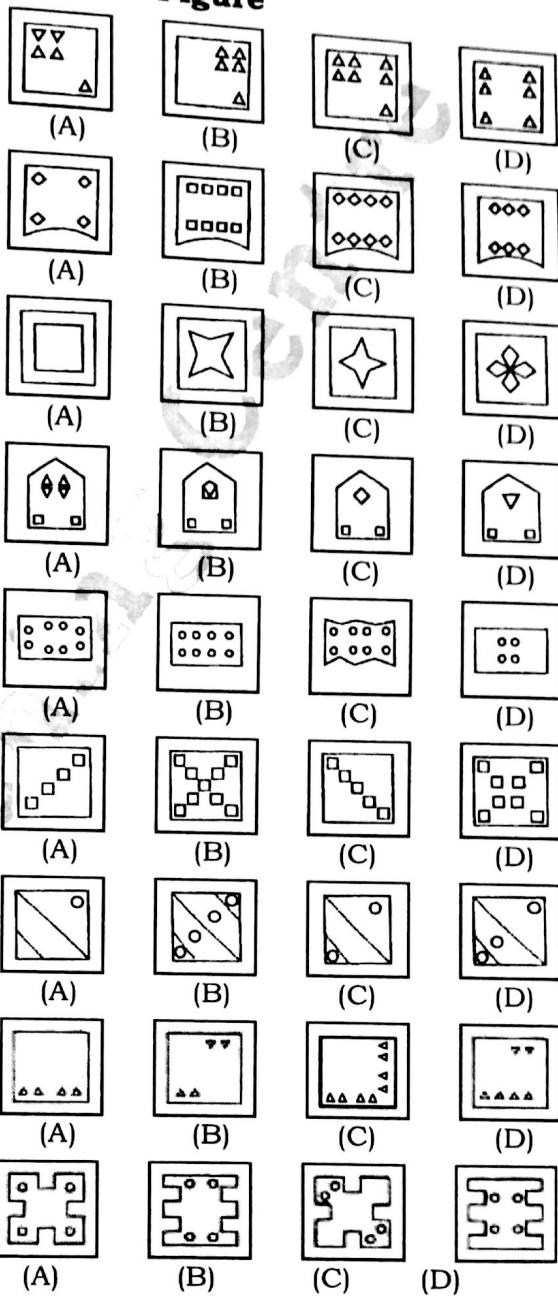
**Answer Figure**

- |  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Problem Figure**

**Answer Figure**



**Problem Figure****Answer Figure****ANSWERS**

- |         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|
| 1. (B)  | 2. (B)  | 3. (D)  | 4. (B)  | 5. (D)  | 6. (A)  | 7. (B)  |
| 8. (D)  | 9. (D)  | 10. (B) | 11. (C) | 12. (A) | 13. (C) | 14. (A) |
| 15. (A) | 16. (C) | 17. (C) | 18. (A) | 19. (D) | 20. (C) | 21. (C) |
| 22. (A) | 23. (C) | 24. (B) | 25. (C) | 26. (C) | 27. (D) | 28. (A) |
| 29. (C) | 30. (C) |         |         |         |         |         |

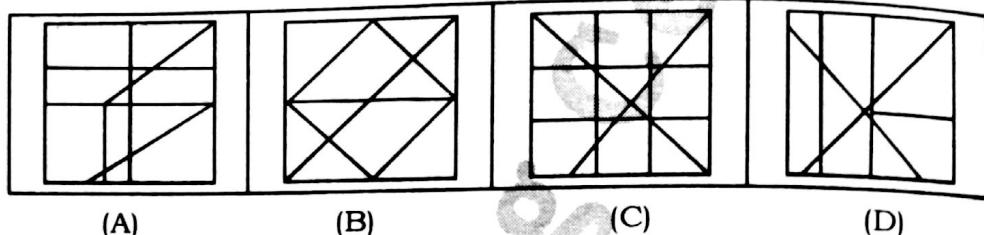
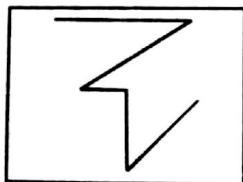
## SPOTTING OUT THE EMBEDDED FIGURE

In these types of question, a structure is given in the form of question figure, and thereafter four options of answer figure are represented among which the structure same as question figure is shown to be embedded and a candidate has to find out the option that has the embedded figure .

### **Example 1.**

#### **Question Figure**

1.



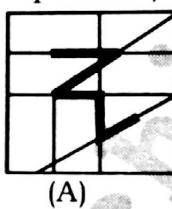
(A)

(B)

(C)

(D)

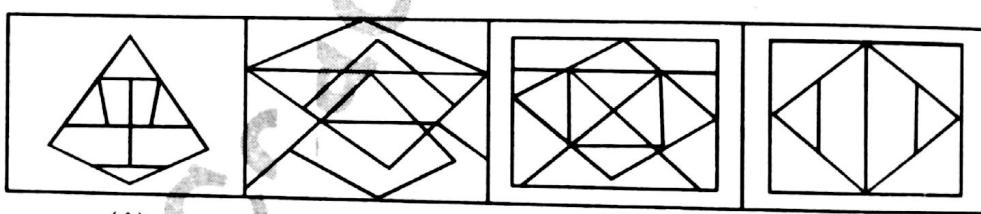
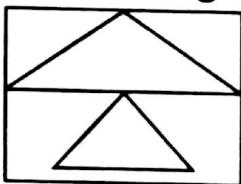
**Answer Figure:** (A) The structure given in the problem/question figure is embedded in the option (A)



(A)

### **Example 2.**

#### **Question Figure**



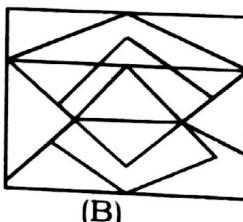
(A)

(B)

(C)

(D)

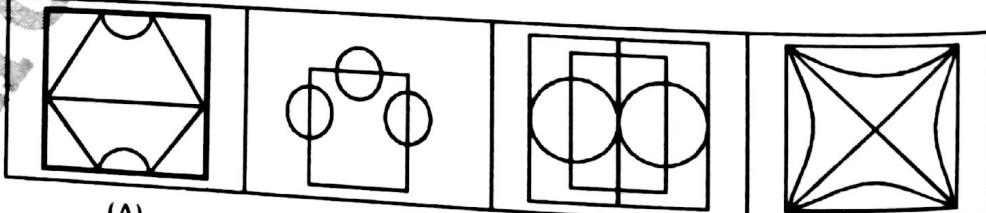
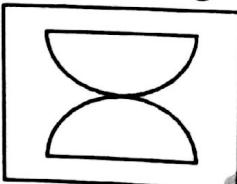
**Answer Figure :** (B) The structure given in the problem figure is embedded in the option (B)



(B)

### **Example 3.**

#### **Question Figure**



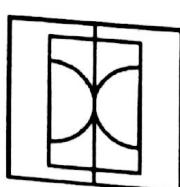
(A)

(B)

(C)

(D)

**Answer Figure :** (C) The structure given in the problem figure is embedded in option (C)

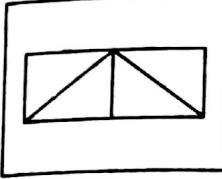
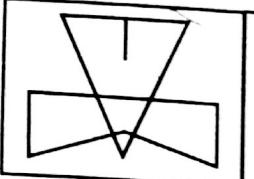
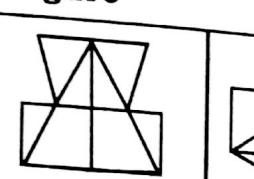
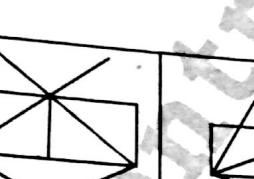
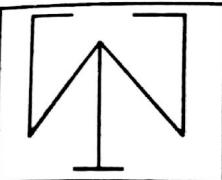
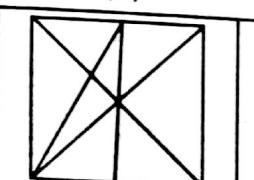
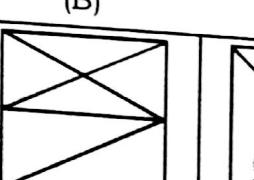
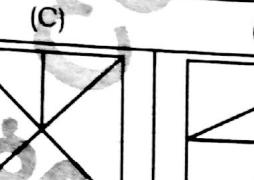
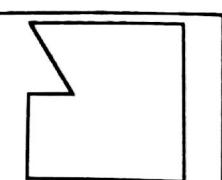
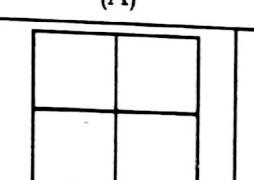
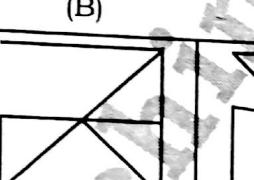
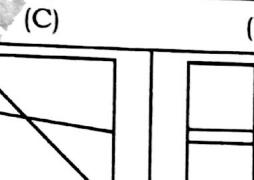
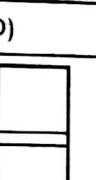
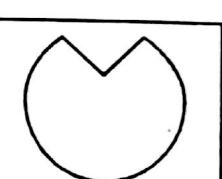
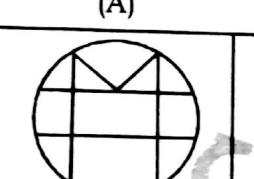
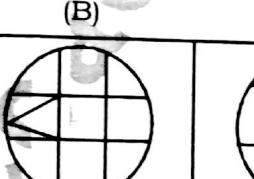
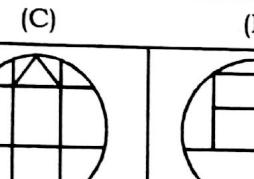
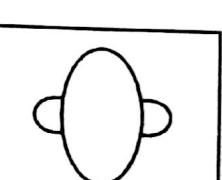
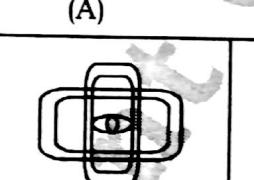
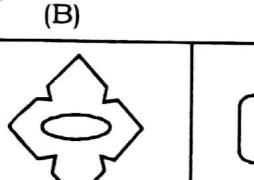
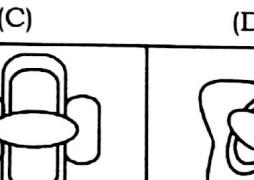
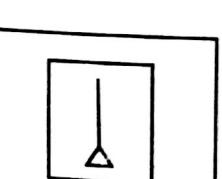
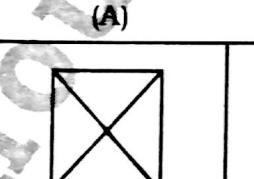
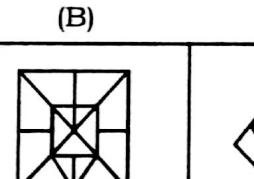
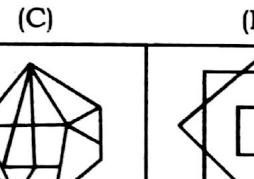
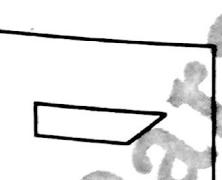
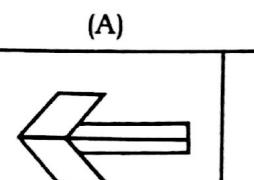
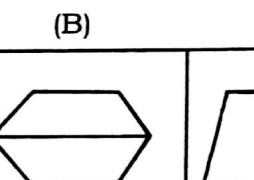
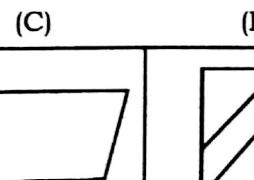


(C)

## **EXERCISE**

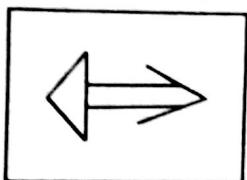
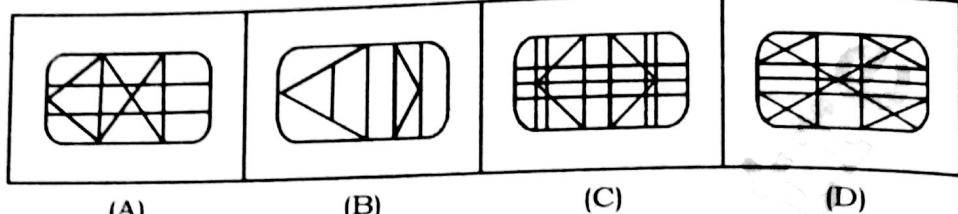
**Directions:** In each of the following questions, a structure is given in the form of question figure, and thereafter four options of answer figure are represented among which the structure same as question figure is shown to be embedded and a candidate has to find out the option that has that embedded figure.

**Problem figure**

- |    | Answer figure   |  |  |  |
|----|---|--|--|--|
| 1. | <br>   <br><b>(A)</b> <b>(B)</b> <b>(C)</b> <b>(D)</b>           |  |  |  |
| 2. | <br>   <br><b>(A)</b> <b>(B)</b> <b>(C)</b> <b>(D)</b>           |  |  |  |
| 3. | <br>   <br><b>(A)</b> <b>(B)</b> <b>(C)</b> <b>(D)</b>           |  |  |  |
| 4. | <br>   <br><b>(A)</b> <b>(B)</b> <b>(C)</b> <b>(D)</b>      |  |  |  |
| 5. | <br>   <br><b>(A)</b> <b>(B)</b> <b>(C)</b> <b>(D)</b> |  |  |  |
| 6. | <br>   <br><b>(A)</b> <b>(B)</b> <b>(C)</b> <b>(D)</b> |  |  |  |
| 7. | <br>   <br><b>(A)</b> <b>(B)</b> <b>(C)</b> <b>(D)</b> |  |  |  |

**Problem figure**

8.

**Answer figure**

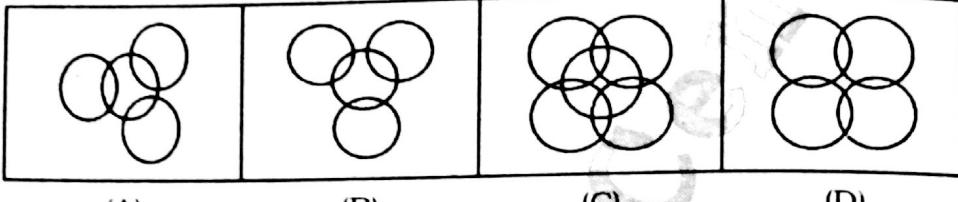
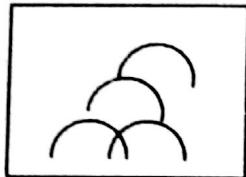
(A)

(B)

(C)

(D)

9.



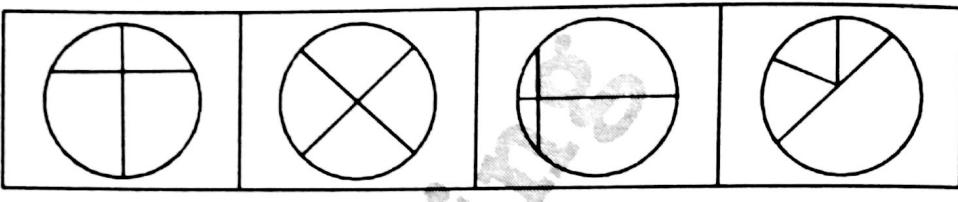
(A)

(B)

(C)

(D)

10.



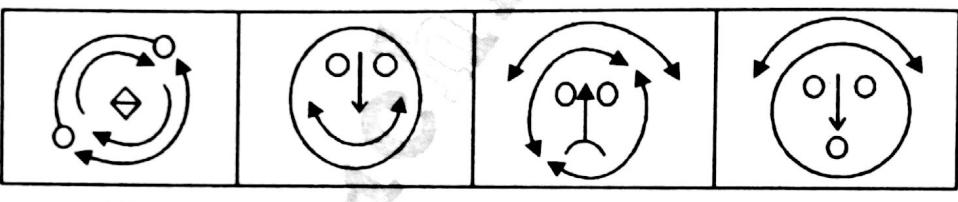
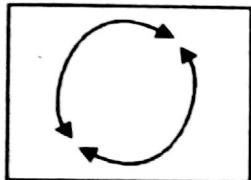
(A)

(B)

(C)

(D)

11.



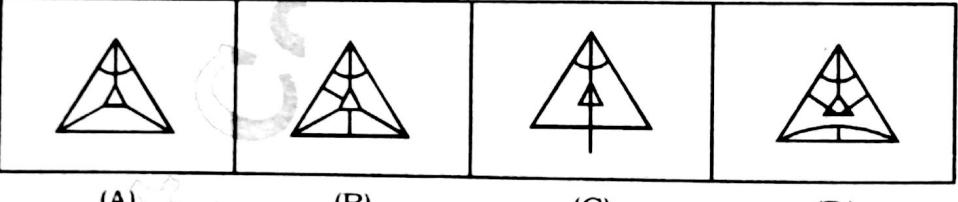
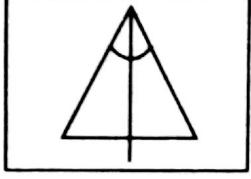
(A)

(B)

(C)

(D)

12.



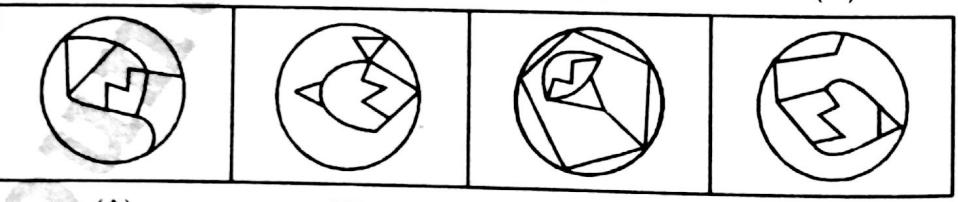
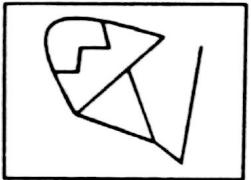
(A)

(B)

(C)

(D)

13.



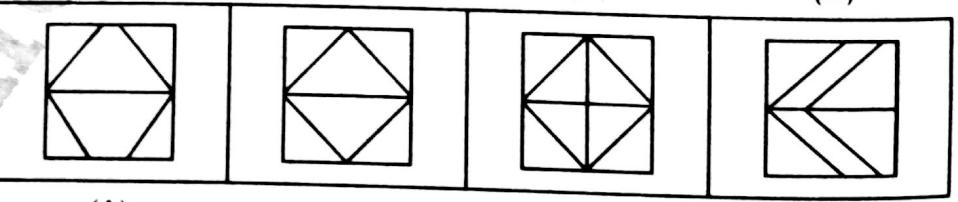
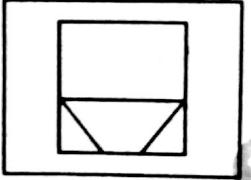
(A)

(B)

(C)

(D)

14.



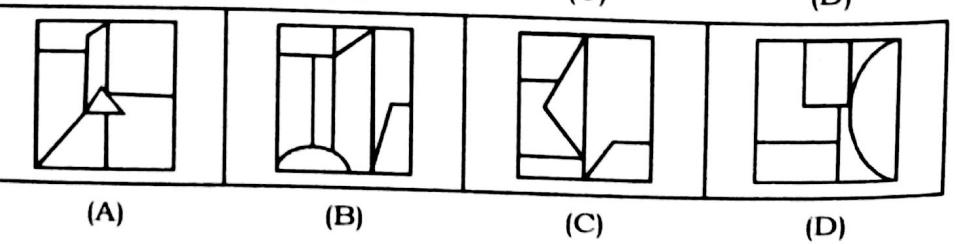
(A)

(B)

(C)

(D)

15.



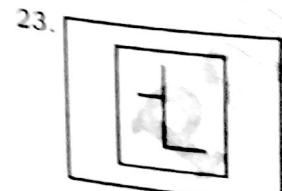
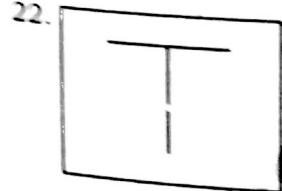
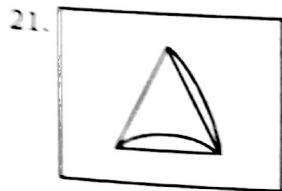
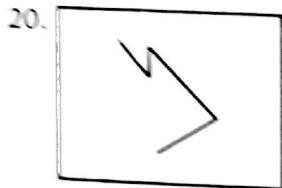
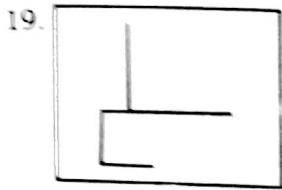
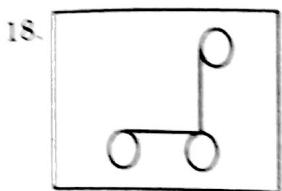
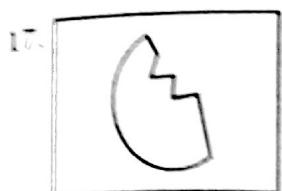
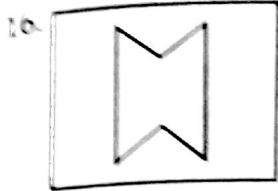
(A)

(B)

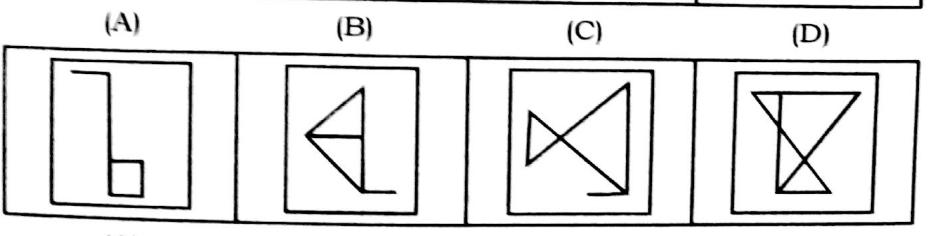
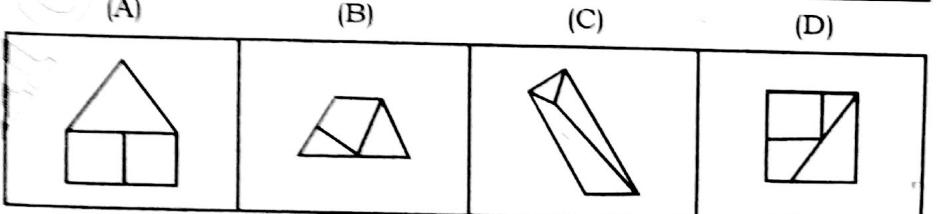
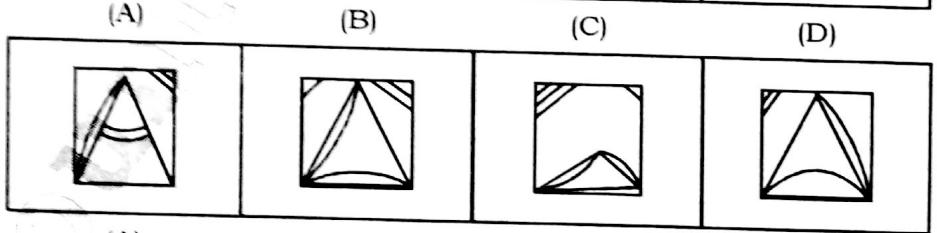
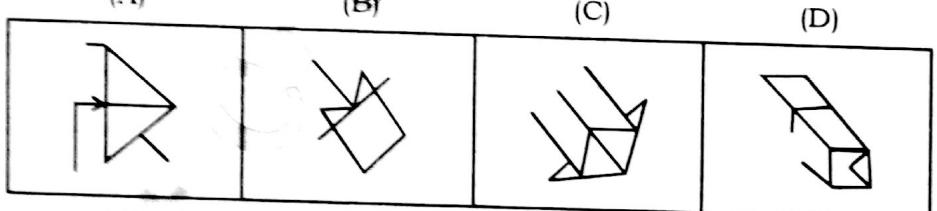
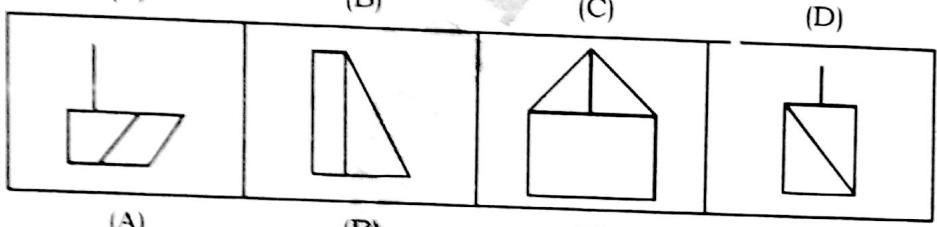
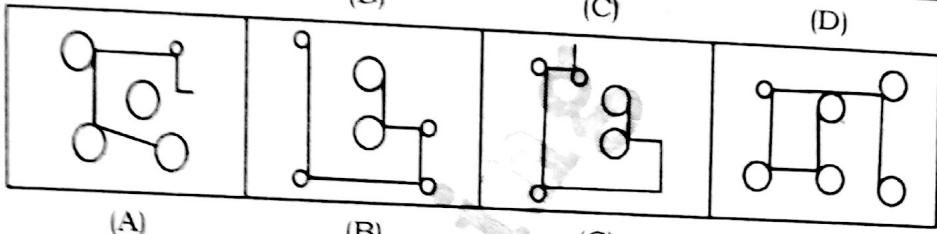
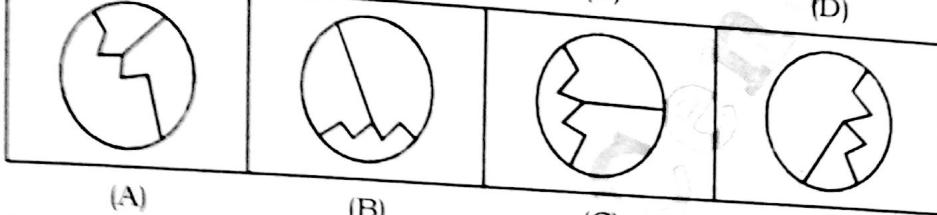
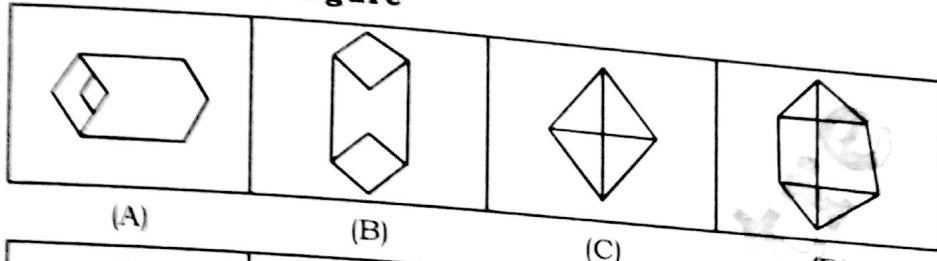
(C)

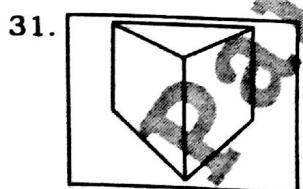
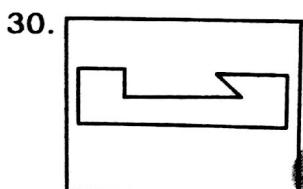
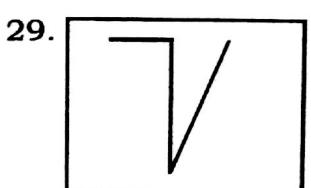
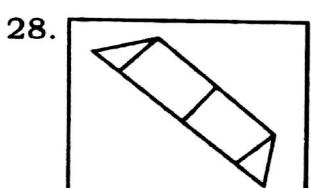
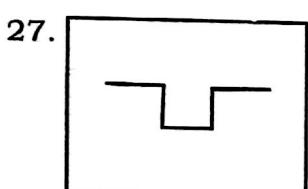
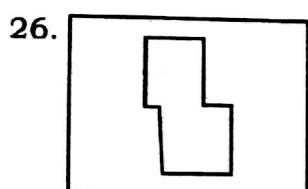
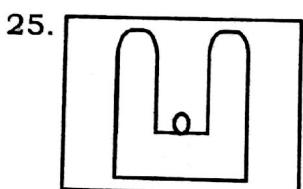
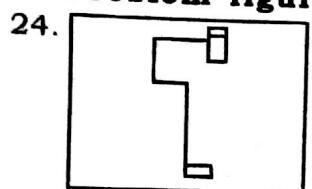
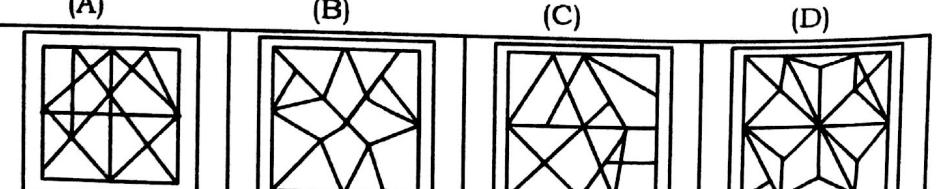
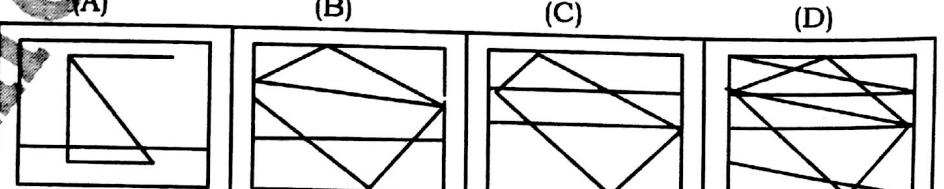
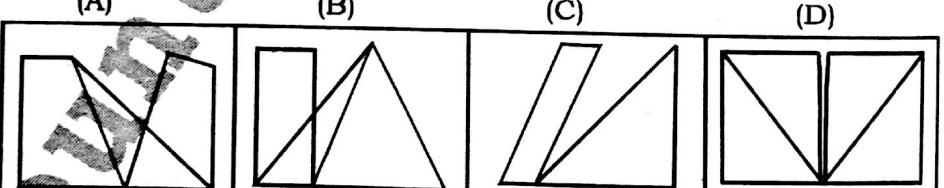
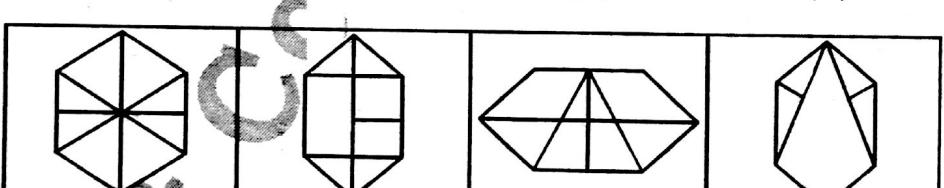
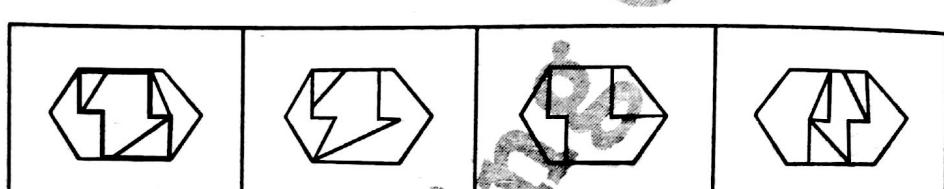
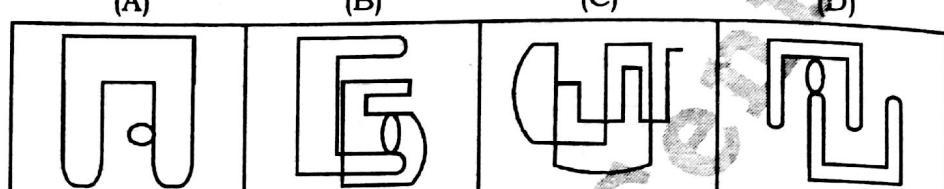
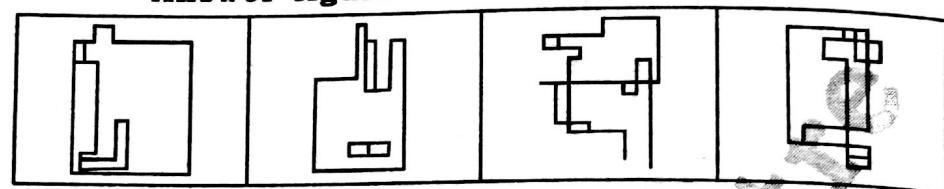
(D)

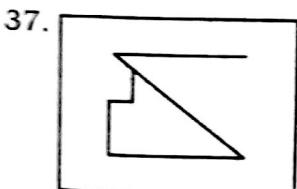
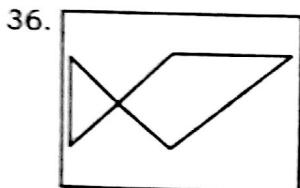
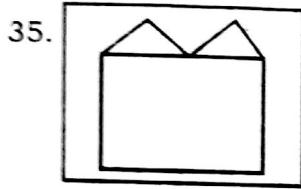
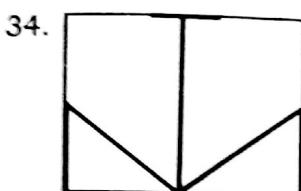
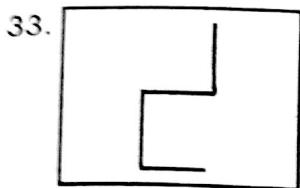
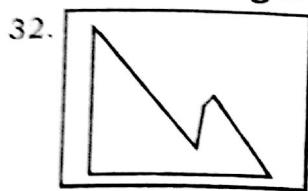
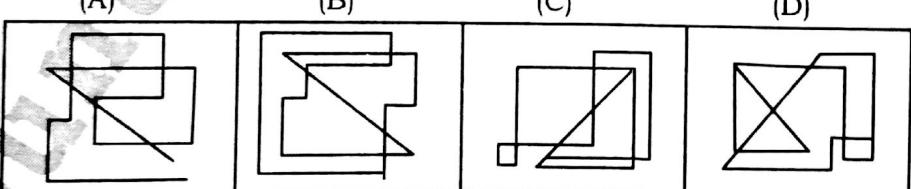
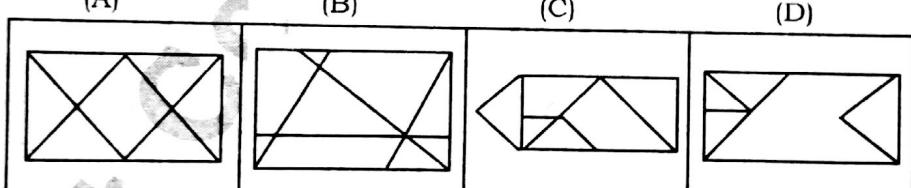
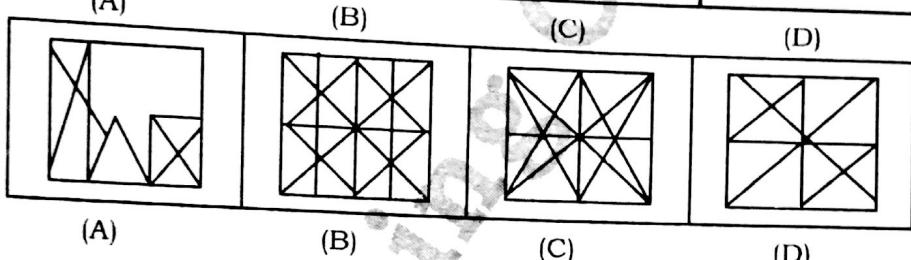
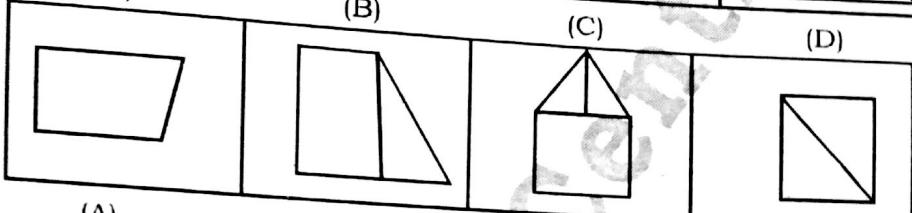
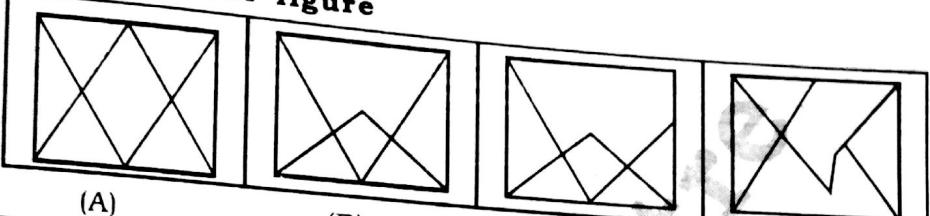
**Problem figure**



**Answer figure**



**Problem figure****Answer figure**

**Problem figure****Answer figure****ANSWERS**

- |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|
| 1. (C)  | 2. (C)  | 3. (C)  | 4. (A)  | 5. (D)  | 6. (B)  |
| 7. (A)  | 8. (C)  | 9. (C)  | 10. (D) | 11. (C) | 12. (C) |
| 13. (C) | 14. (A) | 15. (C) | 16. (B) | 17. (A) | 18. (D) |
| 19. (A) | 20. (B) | 21. (D) | 22. (A) | 23. (B) | 24. (D) |
| 25. (D) | 26. (A) | 27. (D) | 28. (B) | 29. (B) | 30. (A) |
| 31. (D) | 32. (D) | 33. (C) | 34. (B) | 35. (A) | 36. (A) |
| 37. (B) |         |         |         |         |         |

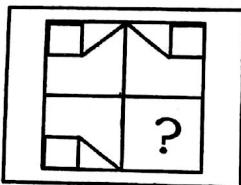
# INCOMPLETE FIGURE

In this type of questions, there is a problem figure followed by four answer figures. In problem figure some blank space is left. In answer figures there is only one figure, which if placed in blank space, the problem figure will be completed.

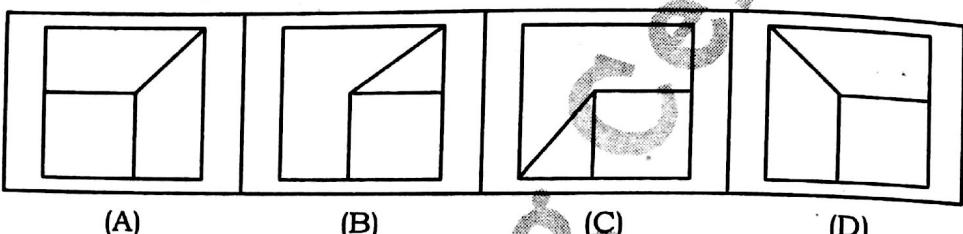
**Some examples are given below:**

**Example 1.** Find out the answer figure which will complete the blank space of problem figure.

**Problem Figure**



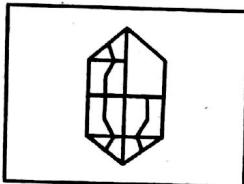
**Answer Figure**



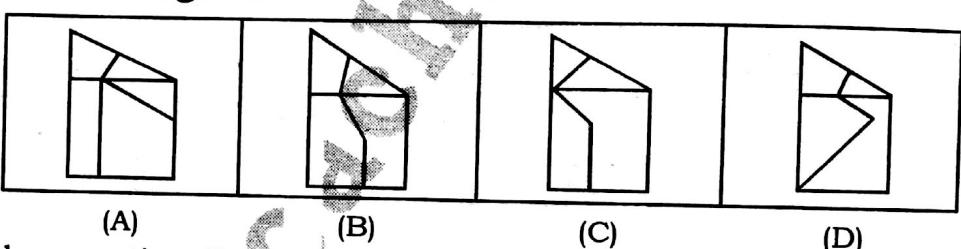
**Explanation:** (C) In the problems figure, if left side of upper part will be reverse, the structure of right side will appear. In the same way when the left side of the lower part will be reversed, the structure given in option (C) of the answer figure will appear.

**Example 2.** Find out the answer figure which will complete the blank space of the problem figure?

**Problem Figure**



**Answer Figures**



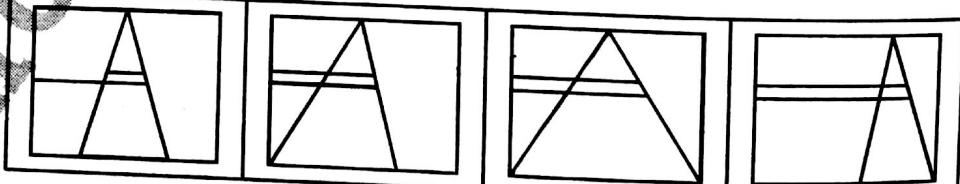
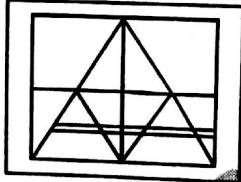
**Explanation:** (B) In the question figure, if the lower part of left side will be reversed vertically then we get the figure shown in upper left part. In the same way when the lower part of right side will be reversed vertically, we will get the required missing figure. Option (B) will fulfill our requirement. Hence option (B) is the answer.

## EXERCISE

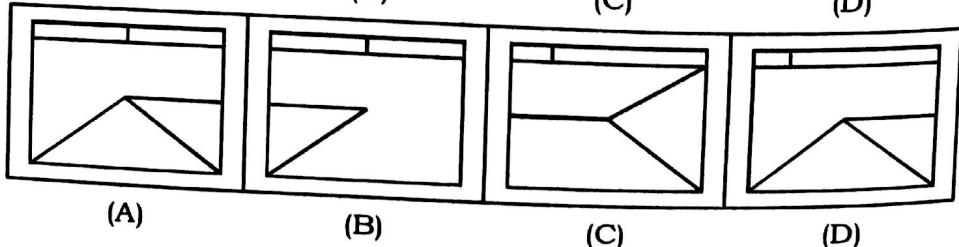
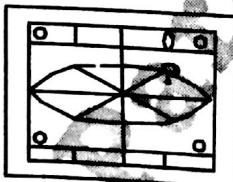
**Direction:** (Q. no. 1-32) In each of the following questions one problem figure is given. This is followed by four answer figures. In problem some blank is left which is shown by question mark. In answer figures there is only one figure which if placed in the place of the question mark, will complete the pattern. Find the figure which completes the pattern.

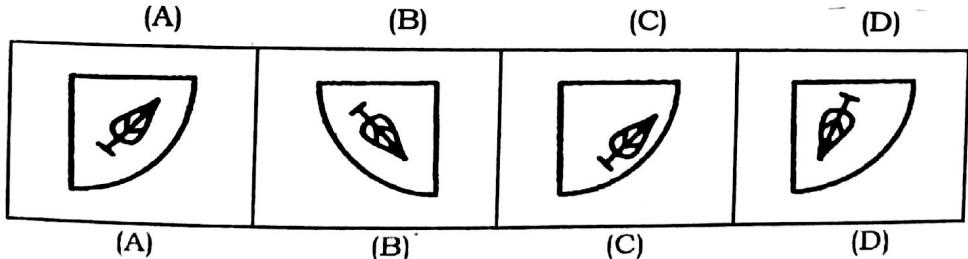
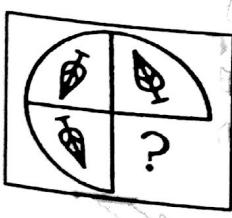
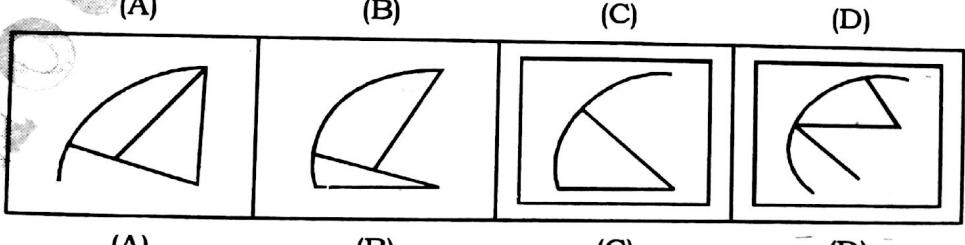
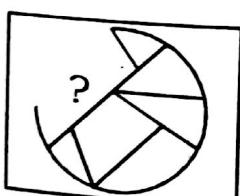
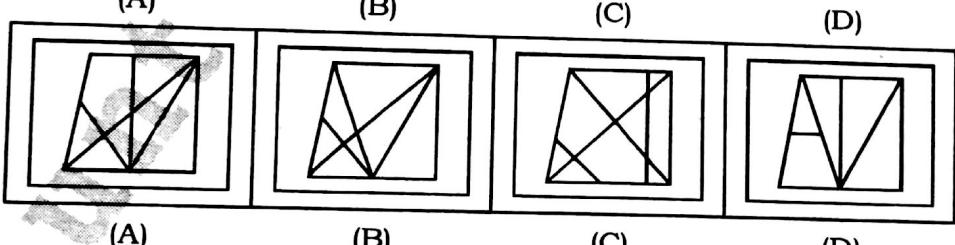
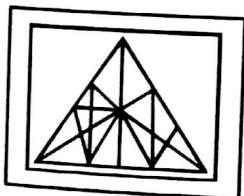
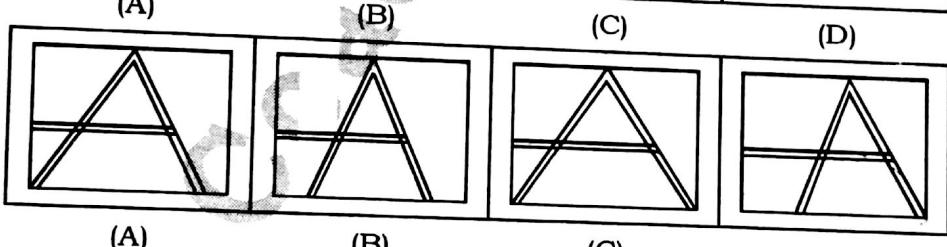
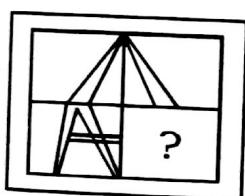
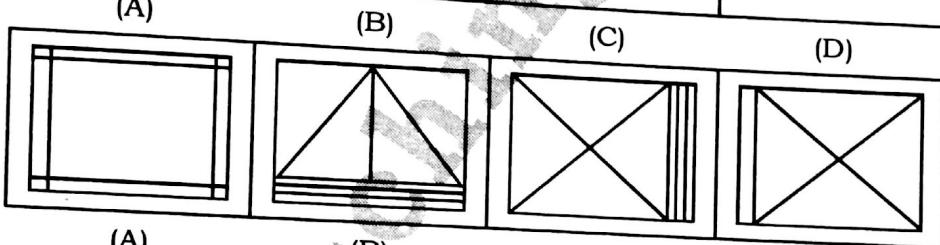
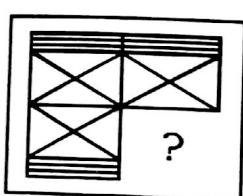
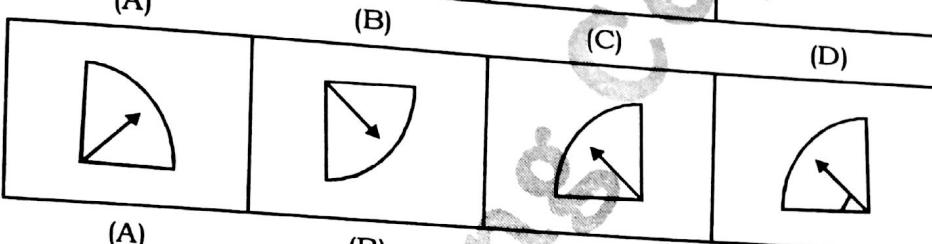
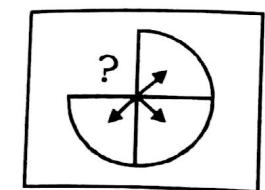
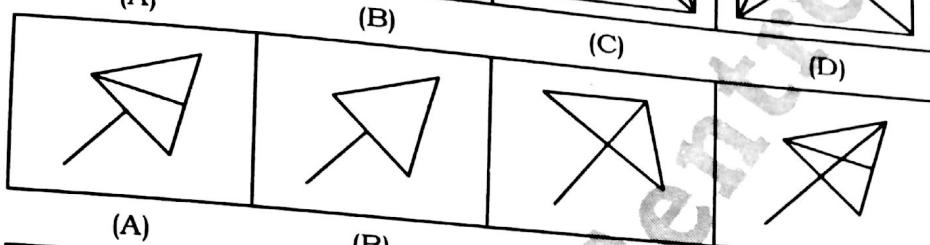
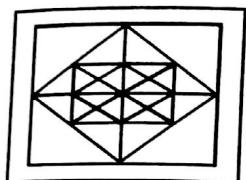
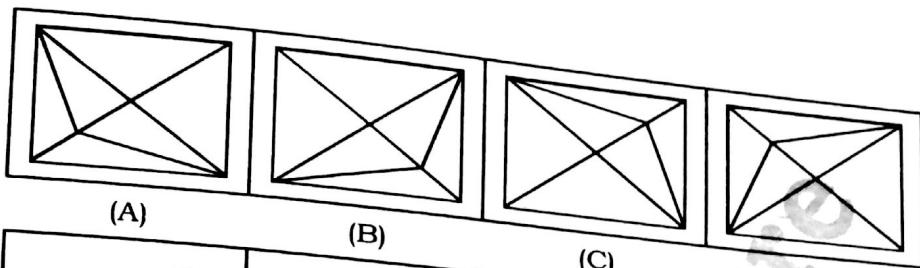
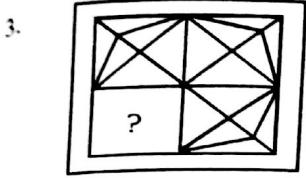
**Problem Figure      Answer Figures**

1.



2.

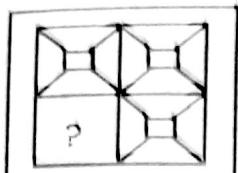
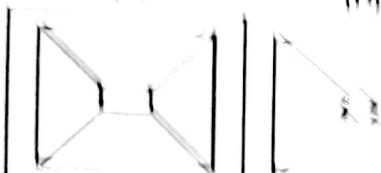
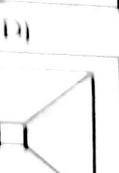
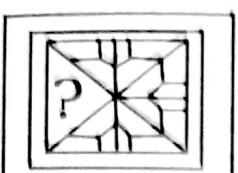
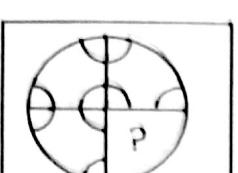
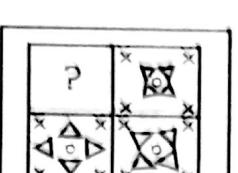
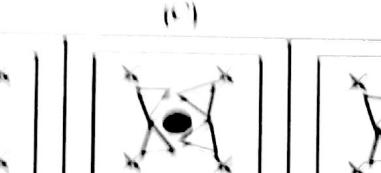
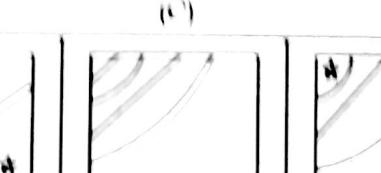
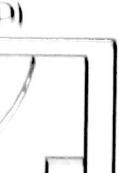
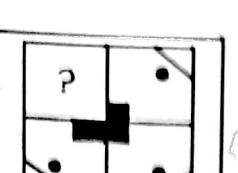
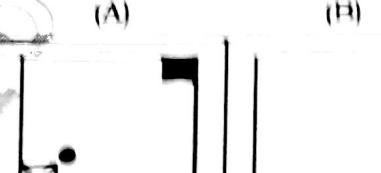
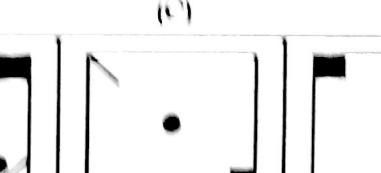
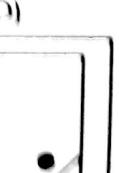




**Problem Figure      Answer Figure**

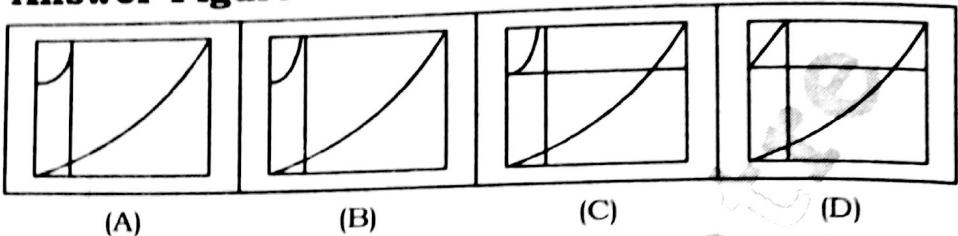
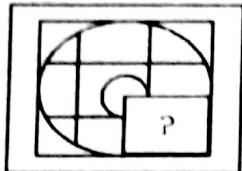
- |     |  |         |         |         |         |
|-----|--|---------|---------|---------|---------|
| 11. |  | <br>(A) | <br>(B) | <br>(C) | <br>(D) |
| 12. |  | <br>(A) | <br>(B) | <br>(C) | <br>(D) |
| 13. |  | <br>(A) | <br>(B) | <br>(C) | <br>(D) |
| 14. |  | <br>(A) | <br>(B) | <br>(C) | <br>(D) |
| 15. |  | <br>(A) | <br>(B) | <br>(C) | <br>(D) |
| 16. |  | <br>(A) | <br>(B) | <br>(C) | <br>(D) |
| 17. |  | <br>(A) | <br>(B) | <br>(C) | <br>(D) |
| 18. |  | <br>(A) | <br>(B) | <br>(C) | <br>(D) |

**Problem Figure      Answer Figures**

19.  (A)  (B)  (C) 
20.  (A)  (B)  (C) 
21.  (A)  (B)  (C) 
22.  (A)  (B)  (C) 
23.  (A)  (B)  (C) 
24.  (A)  (B)  (C) 
25.  (A)  (B)  (C) 
26.  (A)  (B)  (C) 

**Problem Figure      Answer Figure**

27.



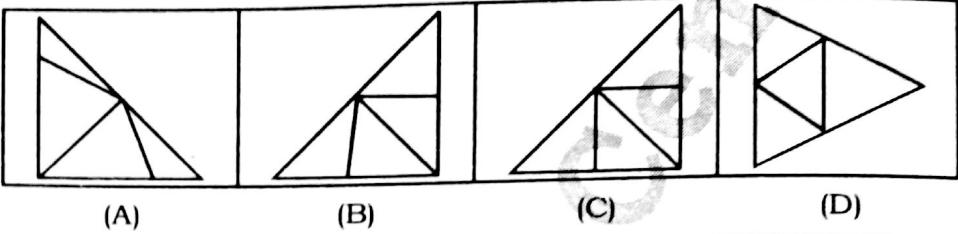
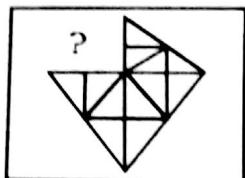
(A)

(B)

(C)

(D)

28.



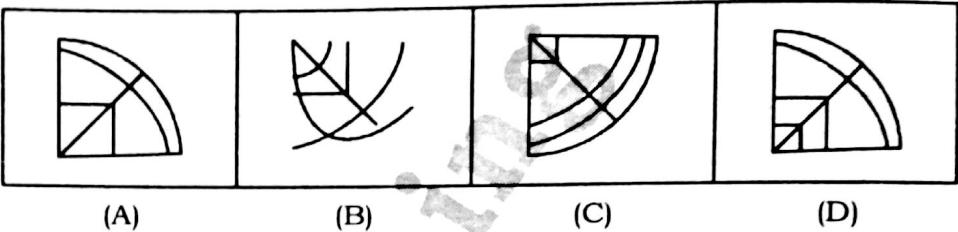
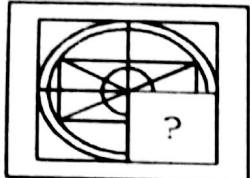
(A)

(B)

(C)

(D)

29.



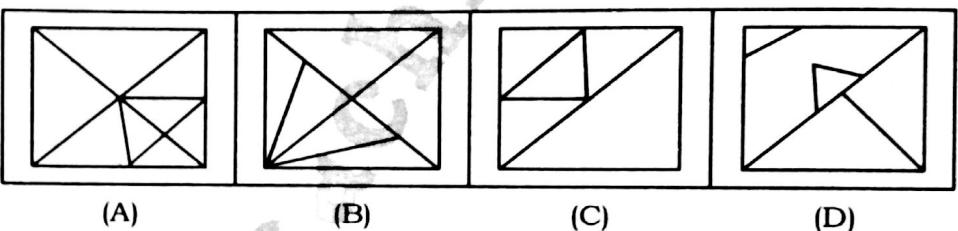
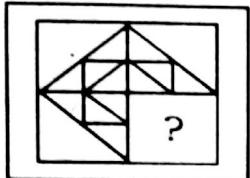
(A)

(B)

(C)

(D)

30.



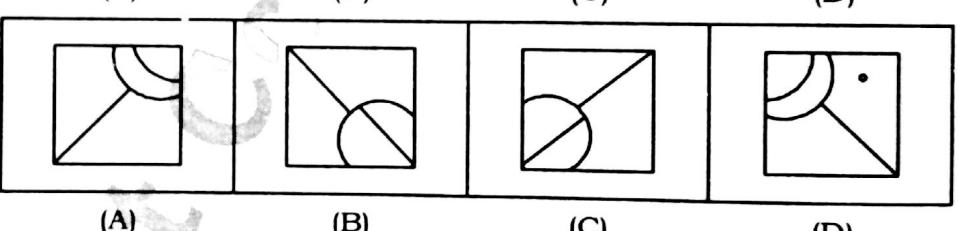
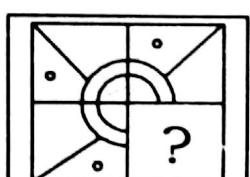
(A)

(B)

(C)

(D)

31.



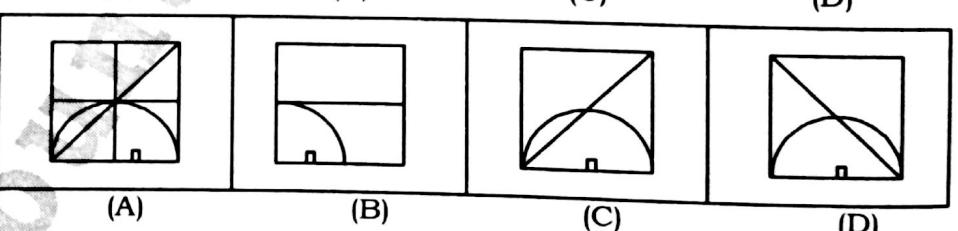
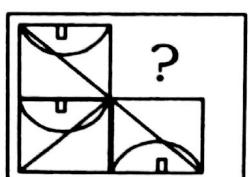
(A)

(B)

(C)

(D)

32.



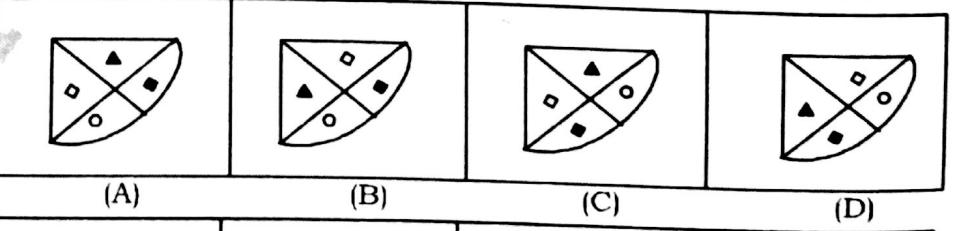
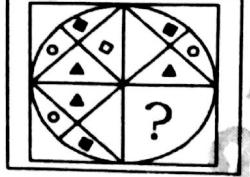
(A)

(B)

(C)

(D)

33.



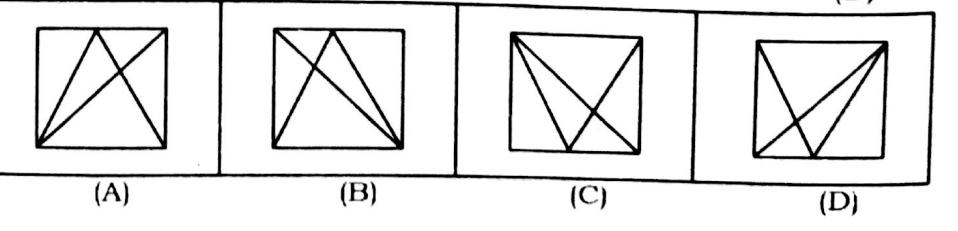
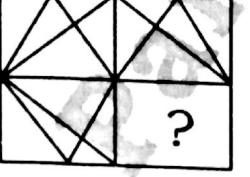
(A)

(B)

(C)

(D)

34.

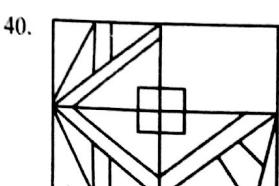
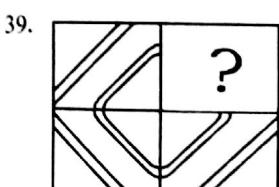
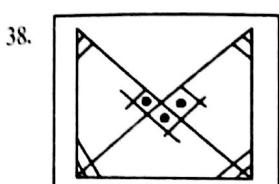
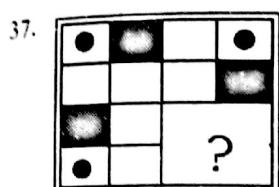
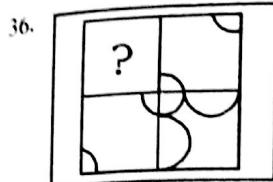
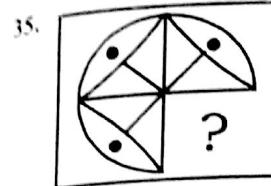
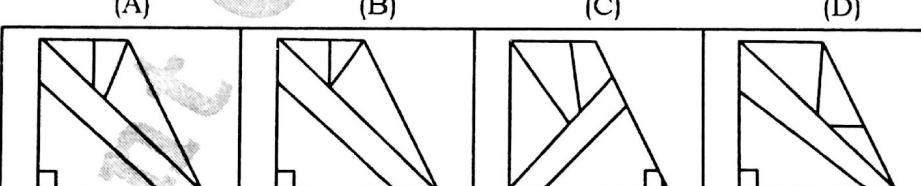
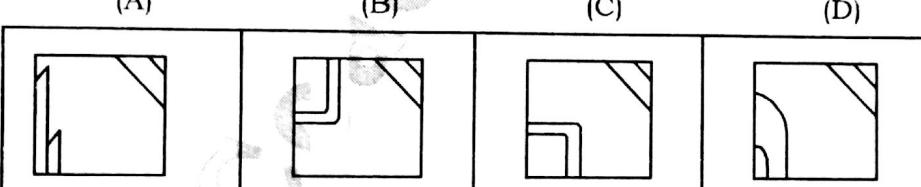
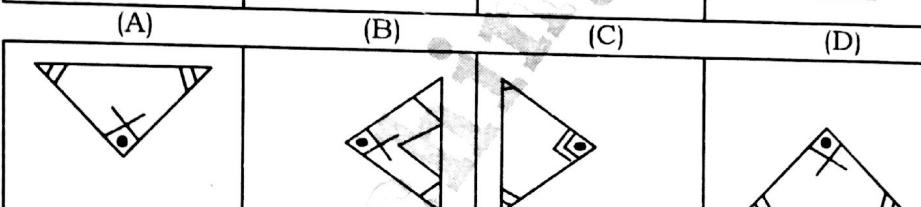
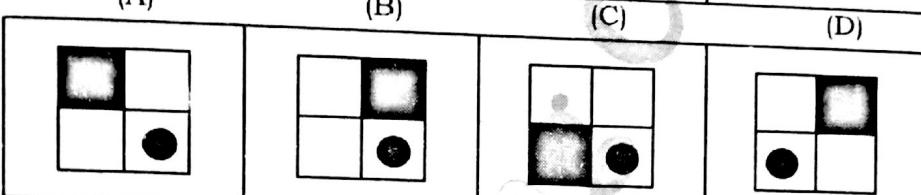
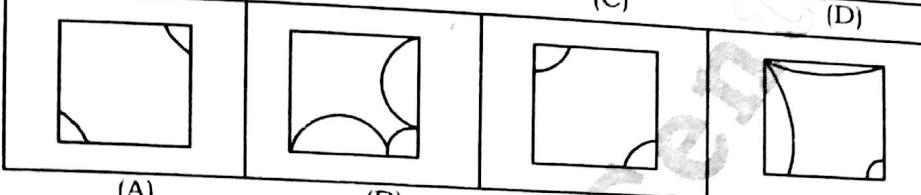
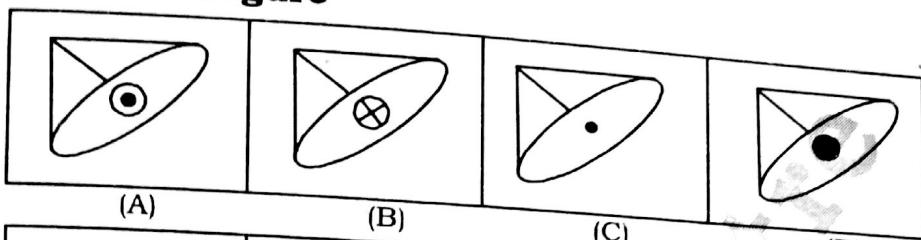


(A)

(B)

(C)

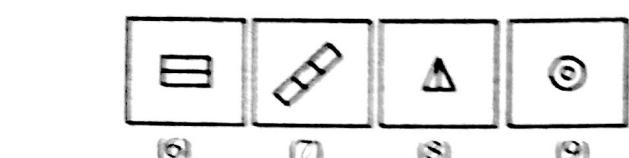
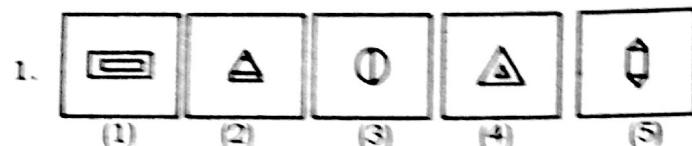
(D)

**Problem Figure****Answer Figure****ANSWERS**

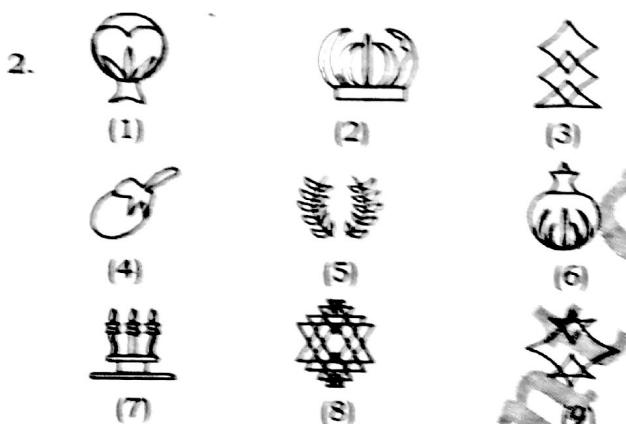
- |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|
| 1. (C)  | 2. (C)  | 3. (A)  | 4. (C)  | 5. (C)  | 6. (C)  |
| 7. (A)  | 8. (A)  | 9. (B)  | 10. (C) | 11. (C) | 12. (A) |
| 13. (D) | 14. (B) | 15. (C) | 16. (A) | 17. (D) | 18. (B) |
| 19. (C) | 20. (A) | 21. (B) | 22. (B) | 23. (A) | 24. (A) |
| 25. (D) | 26. (C) | 27. (C) | 28. (B) | 29. (B) | 30. (C) |
| 31. (D) | 32. (D) | 33. (A) | 34. (D) | 35. (C) | 36. (B) |
| 37. (C) | 38. (D) | 39. (D) | 40. (D) |         |         |

# GROUPING OF FIGURES

**Directions (Question Nos. 1 - 9) :** A series of figures are given, and these can be grouped into classes. Select from amongst the alternatives one set of groups into which these figures can be classified.



- (A) 1, 3, 8; 2, 4, 6; 5, 7, 9  
 (B) 1, 4, 9; 3, 6, 8; 2, 5, 7  
 (C) 3, 4, 7; 9, 8, 7; 4, 3, 1  
 (D) 2, 3, 6; 9, 3, 4; 6, 3, 2

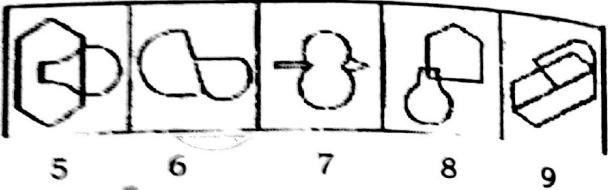
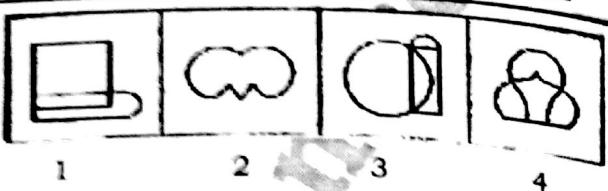


- (A) 1, 4, 6; 2, 5, 7; 3, 8, 9  
 (B) 1, 2, 4; 5, 6, 7; 3, 8, 9  
 (C) 1, 4, 6; 3, 8, 7; 2, 5, 9  
 (D) 1, 2, 6; 4, 7, 9; 3, 5, 8



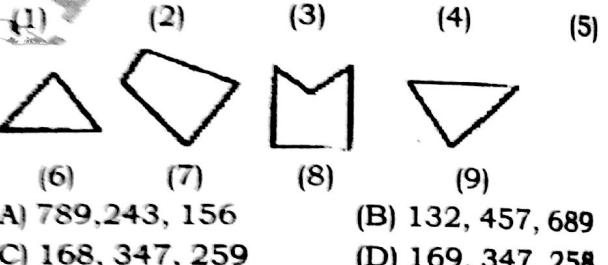
- (A) 1, 4, 9; 2, 5, 8; 3, 6, 7  
 (B) 2, 5, 8; 1, 4, 6; 3, 7, 9  
 (C) 3, 6, 7; 2, 5, 8; 1, 2, 9  
 (D) 2, 5, 8; 3, 6, 9; 4, 6, 7

4.



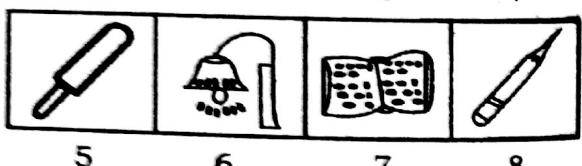
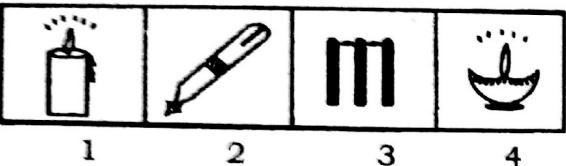
- (A) 139, 267, 458  
 (B) 139, 278, 456  
 (C) 139, 457, 268  
 (D) 135, 249, 678

5.



- (A) 789, 243, 156  
 (B) 132, 457, 689  
 (C) 168, 347, 259  
 (D) 169, 347, 258

6.



- (A) 146, 35, 278  
 (B) 258, 138, 46  
 (C) 37, 145, 258  
 (D) 258, 16, 47

7.



- (A) 2, 4, 8; 1, 5, 9; 3, 6, 7  
 (B) 1, 3, 8; 2, 4, 9; 5, 6, 7  
 (C) 2, 4, 8; 1, 6, 7; 3, 5, 9  
 (D) 1, 3, 8; 2, 4, 6; 5, 7, 9

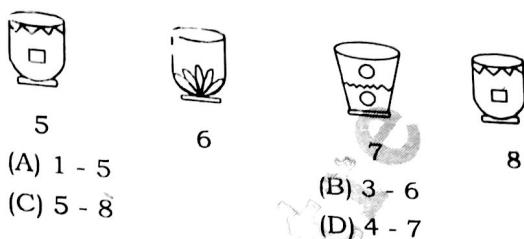
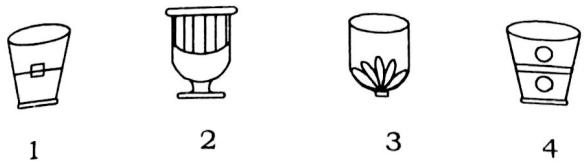
8.



- (A) 1, 3, 4      2, 5, 9      6, 7, 8

- (B) 1, 2, 3      4, 5, 6      7, 8, 9  
 (C) 1, 5, 9      2, 4, 7      3, 6, 8  
 (D) 3, 7, 8      1, 6, 5      4, 2, 9

9. Four pairs of flower pots are given below. Among them only one pair is similar in all respect. Identify the pair numbers which represent that pair.



## Answers

1. (B) One within another  
 1, 4, 9

Divided into two  
 3, 6, 8

Divided into three  
 2, 5, 7

2. (A)  
 3. (A) 1, 4, 9; 2, 5, 8; 3, 6, 7  
 4. (A)  
 5. (D)  
 6. (A)  
 7. (A)  
 8. (A)  
 9. (C)



**Conferred the Best Coaching institute of the NCR Award**  
**by**  
**The Educational Standards and Testing Council of India**

**Head Office**

**Mukherjee Nagar : 704, Above Big Apple, Dr. Mukherjee Nagar, Delhi-110009**

**Centres at  
Delhi- NCR**

★ MUKHERJEE NAGAR ★ KINGSWAY CAMP ★ MUNIRKA ★ NOIDA ★ ROHINI  
★ BADARPUR BORDER ★ DILSHAD GARDEN ★ GURGAON ★ UTTAM NAGAR

**Others**

★ VARANASI ★ MEERUT ★ AGRA ★ JAIPUR ★ ROHTAK ★ PANIPAT ★ PATNA  
★ BAHADURGARH ★ ANUPPUR ★ SONEPAT ★ CHANDIGARH ★ LUCKNOW