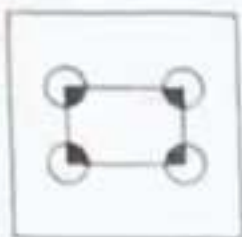


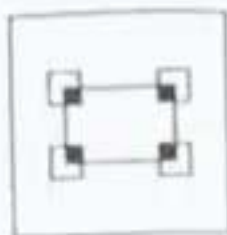
**SECTION—I**  
**MENTAL ABILITY TEST**  
**PART—1**

**Directions :** In Question Nos. 1 to 4, four figures (A), (B), (C) and (D) have been given in each question. Of these four figures, three figures are similar in some way and one figure is different. Select the figure which is different. Darken the circle for the answer in the OMR Answer Sheet against the number corresponding to the question.

1.



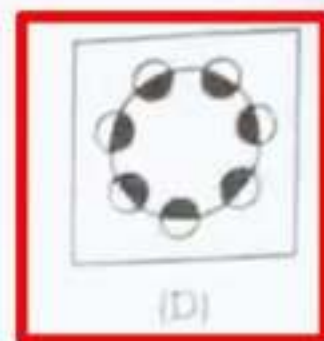
(A)



(B)

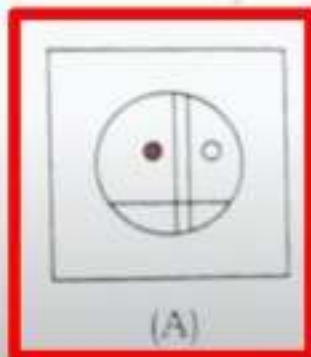


(C)



(D)

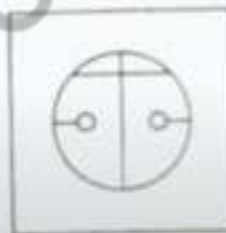
2.



(A)



(B)



(C)



(D)

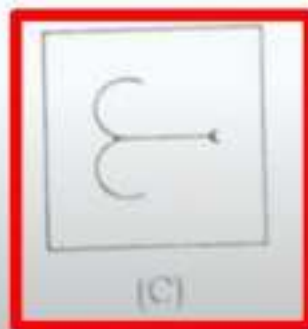
3.



(A)



(B)

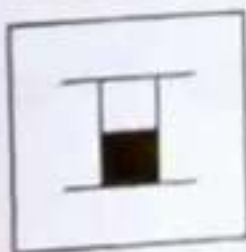


(C)

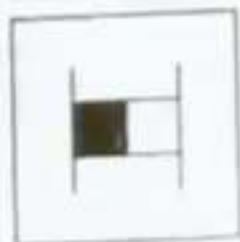


(D)

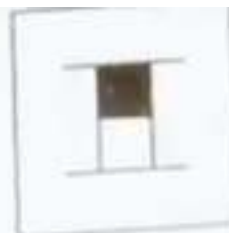
4.



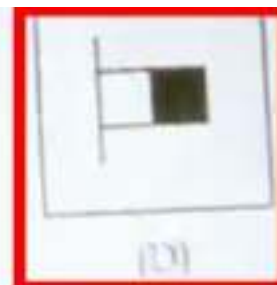
(A)



(B)



(C)



(D)

PART-2

**Directions :** In Question Nos. 5 to 8, a question figure is given on the left side and four answer figures marked (A), (B), (C) and (D) are given on the right side. Select the answer figure which is exactly the same as the question figure and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

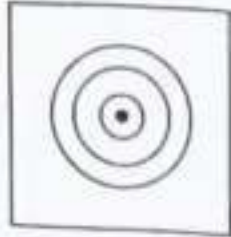
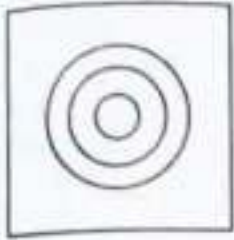
**Question Figure**

**Answer Figures**

**Question Figure**

**Answer Figures**

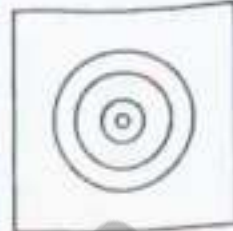
5.



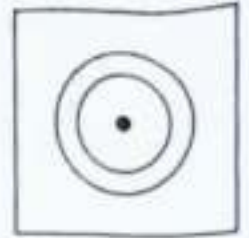
(A)



(B)

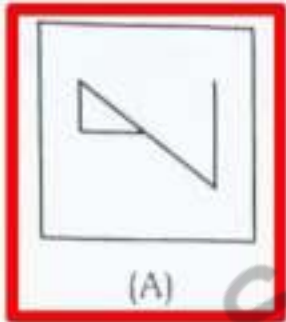
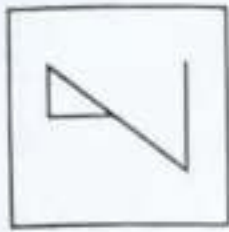


(C)



(D)

6.



(A)



(B)



(C)



(D)

7.



(A)



(B)



(C)

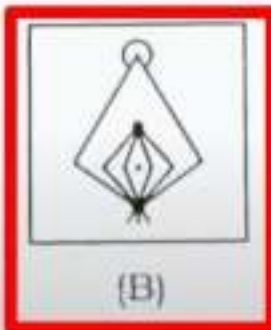


(D)

8.



(A)



(B)



(C)



(D)

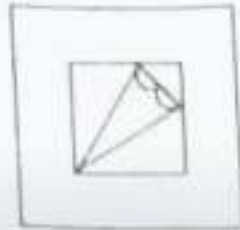
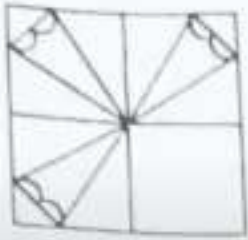
PART-3

**Directions :** In Question Nos. 9 to 12, there is a question figure on the left side, a part of which is missing. Observe the answer figures (A), (B), (C) and (D) on the right side and find out the answer figure which, **without changing the direction**, fits in the missing part of the question figure in order to complete the pattern in the question figure. Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

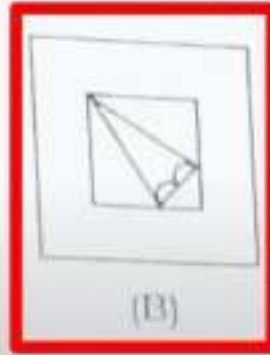
Question Figure

Answer Figures

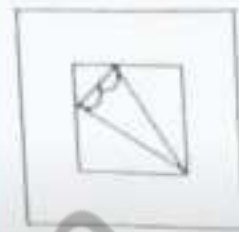
9.



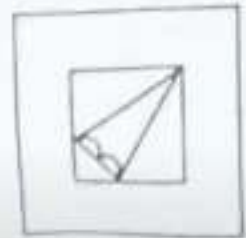
(A)



(B)

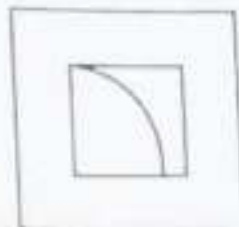
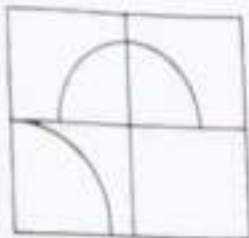


(C)



(D)

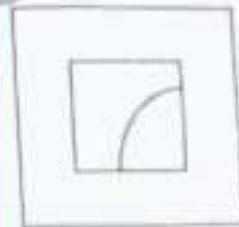
10.



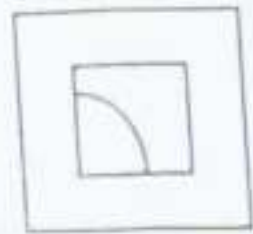
(A)



(B)

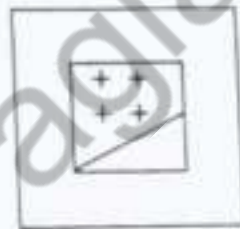


(C)

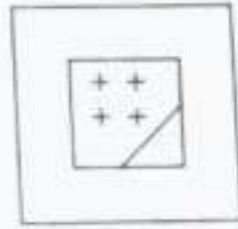


(D)

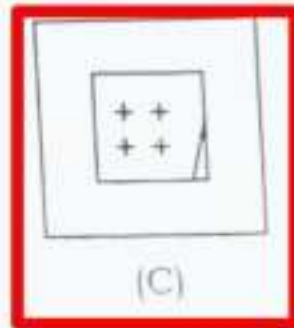
11.



(A)



(B)

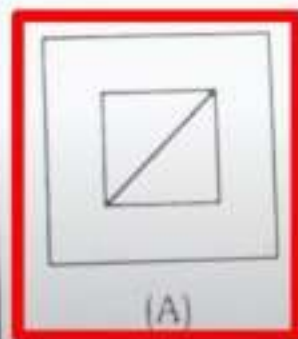
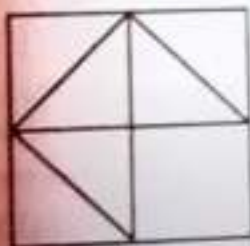


(C)

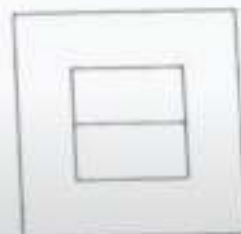


(D)

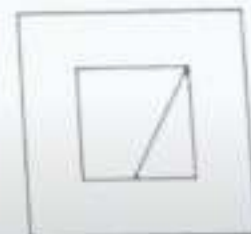
12.



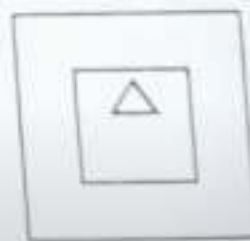
(A)



(B)



(C)




(D)

PART-4

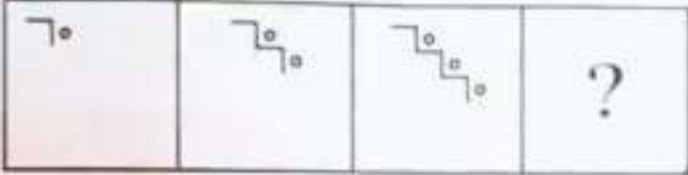

**Directions :** In Question Nos. 13 to 16, there are three question figures on the left side and the space for the fourth figure is left blank. The question figures are in a series. Find out one figure from among the answer figures given on the right side which occupies the blank space for the fourth figure on the left side and completes the series. Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

Question Figures



Answer Figures

13.  



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

14.  

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

15.  

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

16.  

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

PART—5

**Directions :** In Question Nos. 17 to 20, there are two sets of two question figures. The second set has an interrogation mark (?). There exists a relationship between the first two question figures. Similar relationship should exist between the third and the fourth question figure. Select one of the answer figures which replaces the mark of interrogation. Darken the circle in the OMR Answer Sheet against the number corresponding to the question.

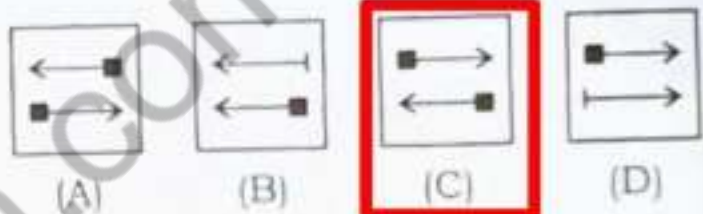
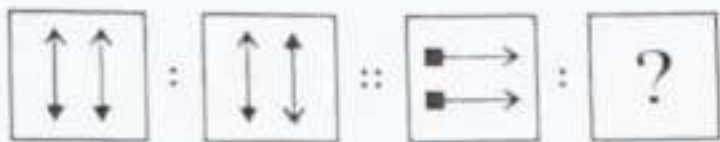
Question Figures

Answer Figures

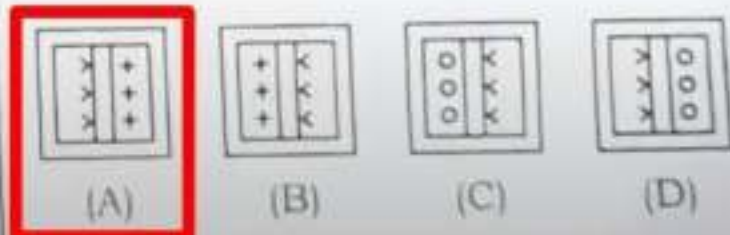
17.



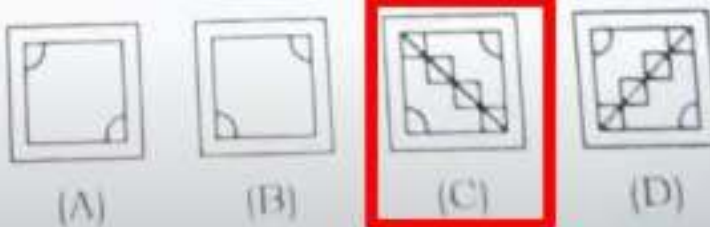
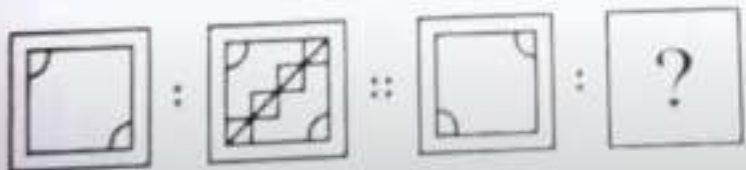
18.



19.



20.



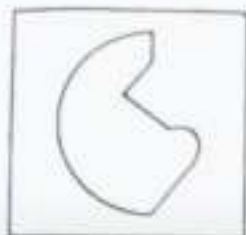
PART-6

**Directions :** In Question Nos. 21 to 24, one part of a geometrical figure (Triangle, Square, Circle) is on the left side as question figure and the other one is among the four answer figures (A), (B), (C) and (D) on the right side. Find the figure on the right side that completes the geometrical figure and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

Question Figure

Answer Figures

21.



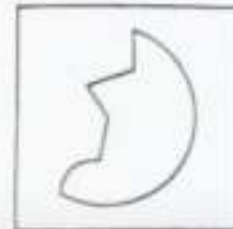
(A)



(B)

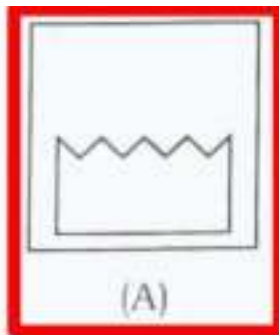
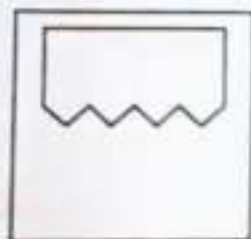


(C)

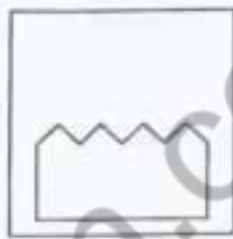


(D)

22.



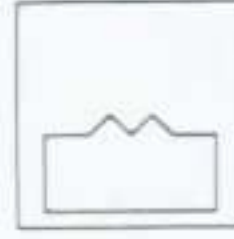
(A)



(B)

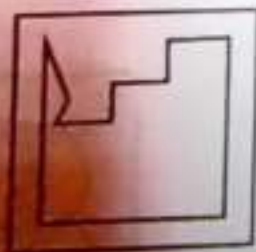


(C)



(D)

23.



(A)



(B)

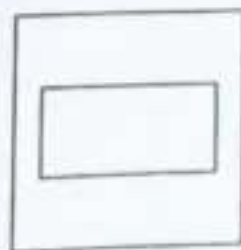
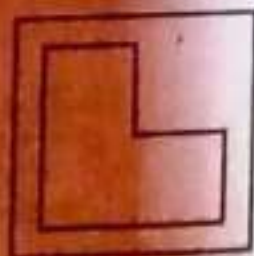


(C)

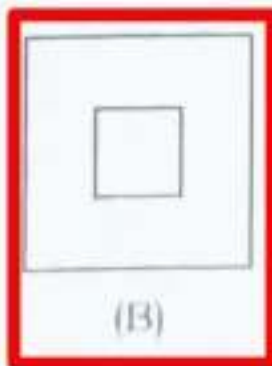


(D)

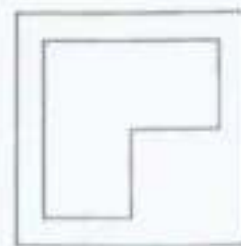
24.



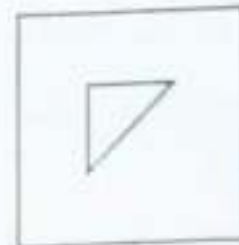
(A)



(B)



(C)



(D)

**Directions :** In Question Nos. 25 to 28, there is a question figure on the left side and four answer figures marked (A), (B), (C) and (D) are given on the right side. Select the answer figure which is exactly the mirror image of the question figure when the mirror is held at XY. Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

Question Figure

Answer Figures

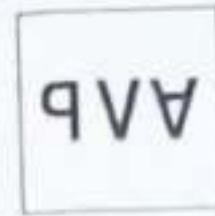
25.



(A)



(B)

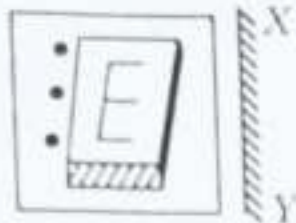


(C)



(D)

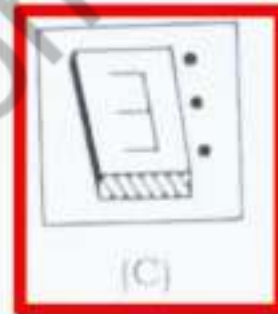
26.



(A)



(B)

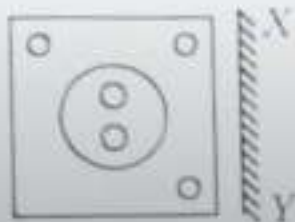


(C)



(D)

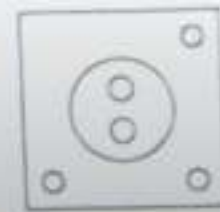
27.



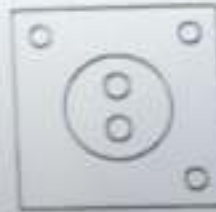
(A)



(B)

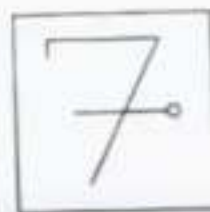
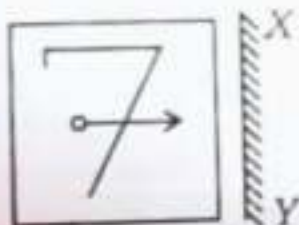


(C)

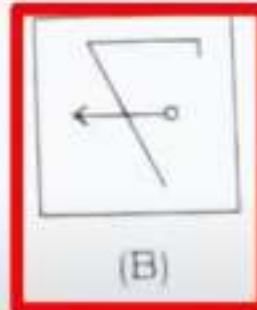


(D)

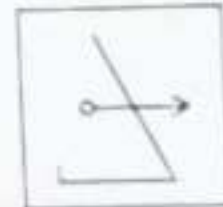
28.



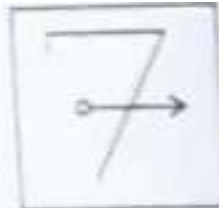
(A)



(B)



(C)



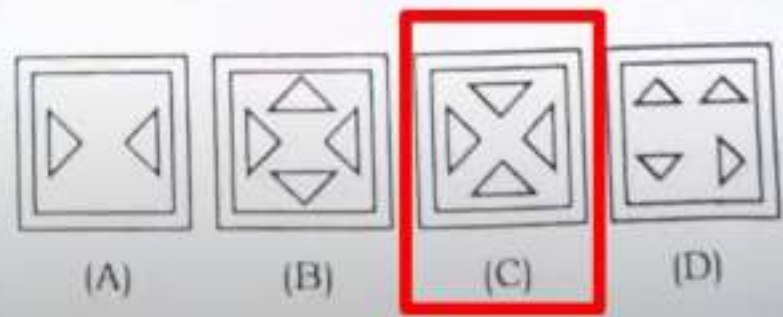
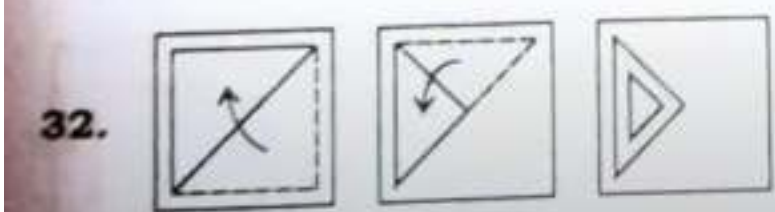
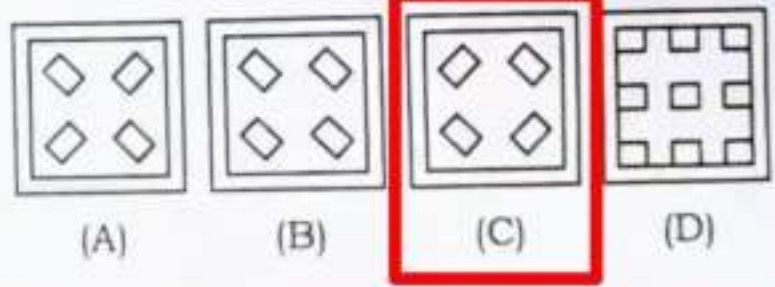
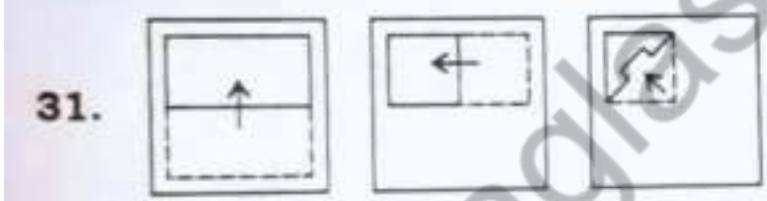
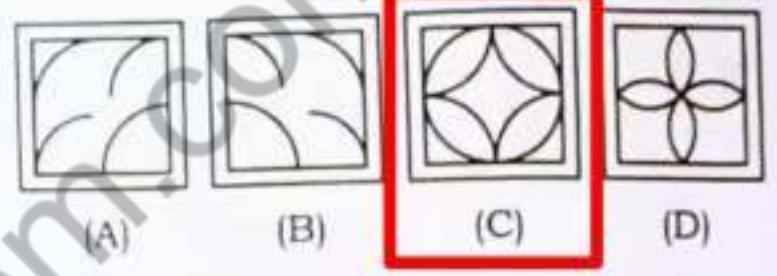
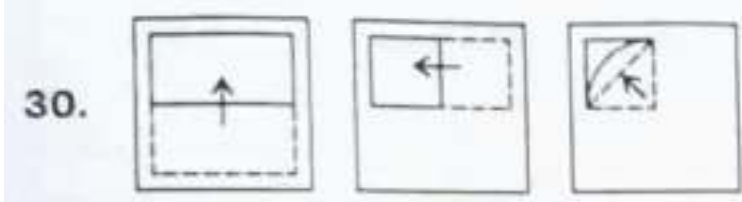
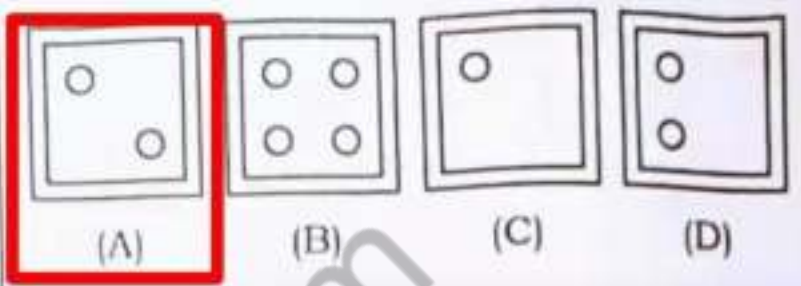
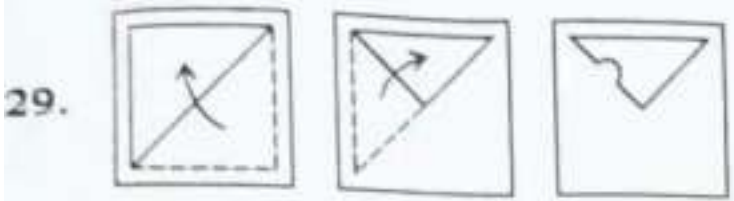
(D)

PART-8

**Directions :** In Question Nos. 29 to 32, a piece of paper is folded and punched as shown in the question figures on the left side, and four answer figures marked (A), (B), (C) and (D) are given on the right side. Select the answer figure which indicates how the paper will appear when opened (unfolded). Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

**Question Figures**

**Answer Figures**





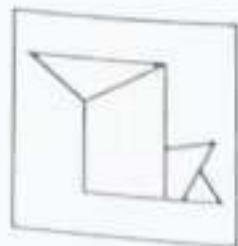
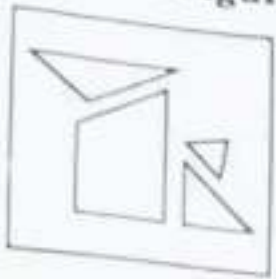
PART-9

**Directions :** In Question Nos. 33 to 36, a question figure is given on the left side and four answer figures marked (A), (B), (C) and (D) are given on the right side. Select the answer figure which can be formed from the cut-out pieces given in the question figure. Darken the circle in the OMR Answer Sheet against the number corresponding to the question.

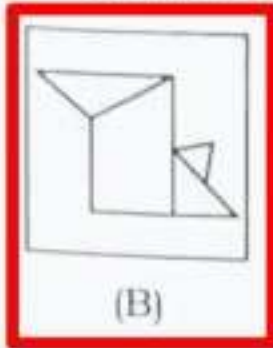
Question Figure

Answer Figures

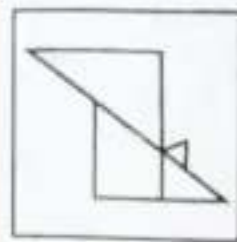
33.



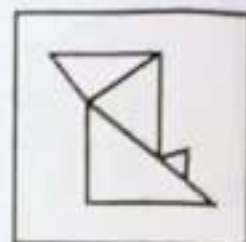
(A)



(B)

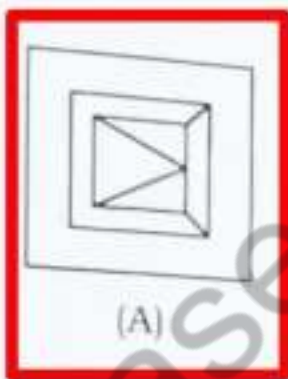
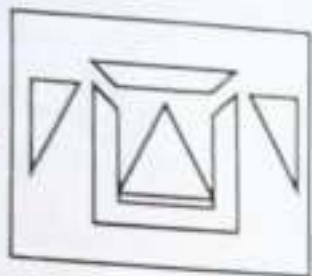


(C)



(D)

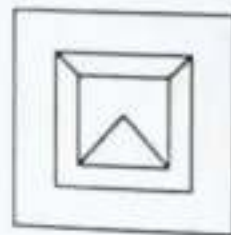
34.



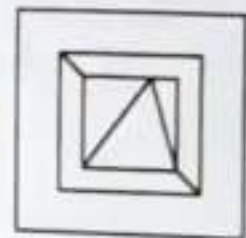
(A)



(B)

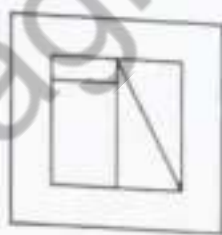


(C)

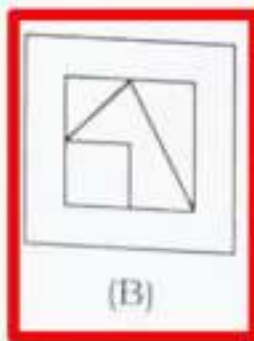


(D)

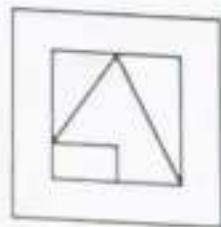
35.



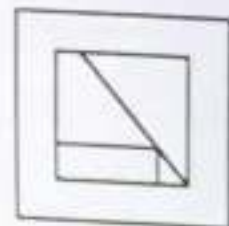
(A)



(B)

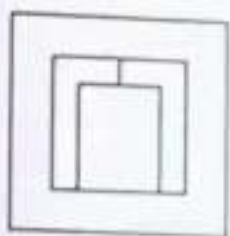
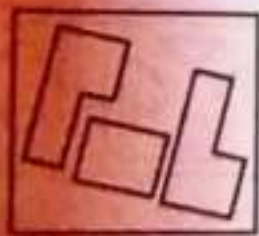


(C)



(D)

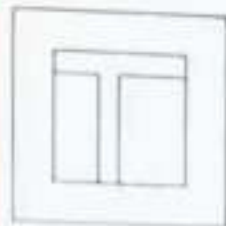
36.



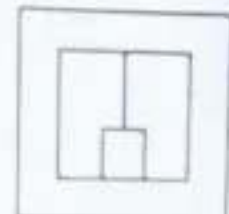
(A)



(B)



(C)



(D)

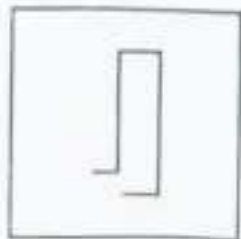
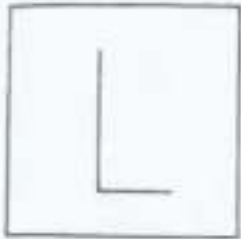
PART-10

**Directions :** In Question Nos. 37 to 40, a question figure is given on the left side and four answer figures marked (A), (B), (C) and (D) are given on the right side. Select the answer figure in which the question figure is hidden/embedded. Darken the circle in the OMR Answer Sheet against the number corresponding to the question.

Question Figure

Answer Figures

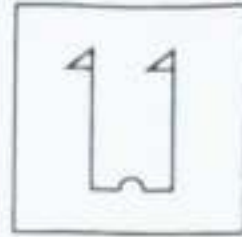
37.



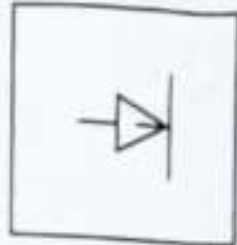
(A)



(B)

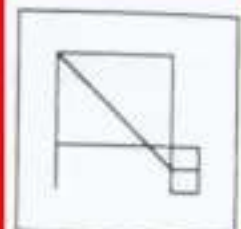
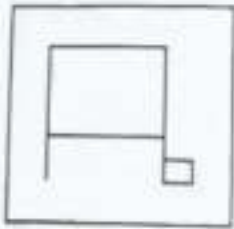


(C)



(D)

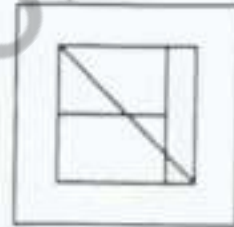
38.



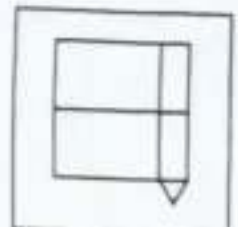
(A)



(B)

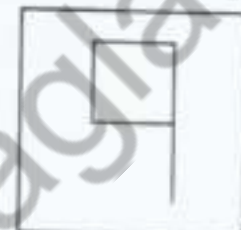
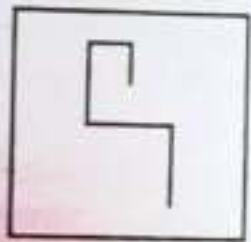


(C)

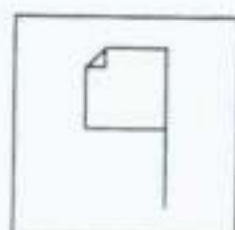


(D)

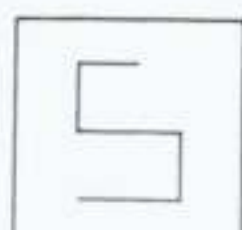
39.



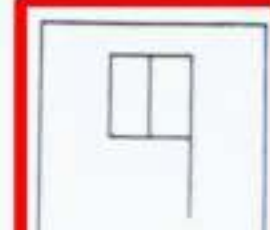
(A)



(B)

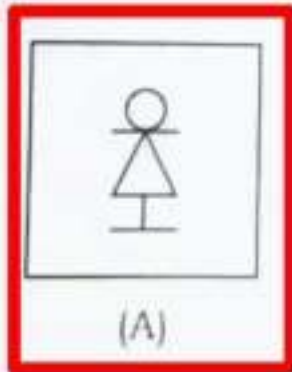


(C)



(D)

40.



(A)



(B)



(C)



(D)

## SECTION - II ARITHMETIC TEST

**Directions :** For every question, four probable answers as (A), (B), (C) and (D) are given. Only one out of these is correct. Choose the correct answer and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

41. Which of the following numbers is divisible by 3, 4, 5 and 6 ?  
(A) 36  (B)  60  
(C) 80  (D) 90
42. 360 g is what percent of 3 kg ?  
 (A) 12%  (B) 15%  
(C) 18%  (D) 21%
43. My watch shows 7 : 05 a.m. It is 25 minutes fast. The correct time is :  
(A) 7 : 30 a.m.  (B) 7 : 50 a.m.   
 (C) 6 : 40 a.m.  (D) 5 : 40 a.m.
44. The length, width and height of a water tank are 11 m, 10 m and 9 m respectively. The tank is filled with water upto 6 m height. The empty portion of the water tank is :  
(A)  $\frac{1}{4}$   (B)   $\frac{1}{3}$   
(C)  $\frac{1}{6}$   (D)  $\frac{2}{3}$
45. The difference between the cost price and selling price of a commodity is ₹ 240. If the profit is 20%, then the selling price is :  
 (A) ₹ 1200  (B) ₹ 1440  
(C) ₹ 1800  (D) ₹ 2440
46. A 1250 m long train covers a distance of 1 km in 2 minutes. It crosses another stationary train in 4 minutes. The length of stationary train is :  
(A) 1250 m  (B) 500 m   
 (C) 750 m  (D) 1000 m
47. How many rectangular tiles of dimensions 10 cm × 8 cm are required to cover the floor of a hall having dimensions 12 m × 10 m ?  
(A) 12,000   (B) 15,000  
(C) 10,000  (D) 18,000
48. On simplification of  $10 \times 10 + [400 \div \{100 - (50 - \overline{3 \times 10})\}]$ , we get :  
(A) 265  (B) 65   
(C) 310   (D) 105
49. A number with 4 or more digits is divisible by 8 if the :  
(A) number is even   
(B) last digit is divisible by 8   
(C) last two digits are divisible by 8   
 (D) last three digits are divisible by 8

50. A dealer gets ₹ 56 less if instead of selling a chair at a gain of 15% he sells it at a gain of 8%. The cost price of the chair is :  
 (A) ₹ 700 (B) ₹ 800  
 (C) ₹ 900 (D) ₹ 950
51. On dividing 4.239 by 0.9 we get :  
 (A) 0.471 (B) 4.71  
 (C) 47.1 (D) 471
52. 5 cm is expressed in kilometers as :  
 (A) 0.005 km  
 (B) 0.0005 km  
 (C) 0.00005 km  
 (D) 0.000005 km
53. The sum of two numbers is 8 and their product is 15. What is the sum of their reciprocals ?  
 (A)  $\frac{8}{15}$  (B)  $\frac{15}{8}$   
 (C) 23 (D) 7
54. Five thousand five hundred fifty-five is written as :  
 (A) 5055 (B) 5505  
 (C) 5550 (D) 5555
55. If 15 is the sum of three consecutive numbers, then the square of the middle number is :  
 (A) 16 (B) 25  
 (C) 36 (D) 49
56. The difference between the greatest and smallest 4-digit number using all the digits 9, 7, 0 and 4 is :  
 (A) 8991 (B) 5391  
 (C) 9261 (D) 5661
57. The HCF of  $2^2 \times 3^3 \times 5^5$ ;  $2^3 \times 3^2 \times 5^2 \times 7$  and  $2^4 \times 3^4 \times 5 \times 7^2 \times 13$  is :  
 (A)  $2^2 \times 3^2 \times 5 \times 7 \times 13$   
 (B)  $2^4 \times 3^4 \times 5^5$   
 (C)  $2^4 \times 3^4 \times 5^2 \times 7 \times 11$   
 (D)  $2^2 \times 3^2 \times 5$
58. A 1 km long goods train is running at a speed of 45 km/h. The time taken by this goods train to pass through a 2 km long tunnel is :  
 (A) 1 minute (B) 2 minutes  
 (C) 3 minutes (D) 4 minutes
59. A group of 80 students went on a picnic. 20% of the students are girls and rest are boys. How many girls should be added to make the boys as 70% ?  
 (A) 16 (B) 24  
 (C) 12 (D) 8
60. Rahim got 10 marks more than Dinesh. George got 25 marks less than Rahim. The total marks of all the three is 235. The marks of George are :  
 (A) 80 (B) 65  
 (C) 90 (D) 75