

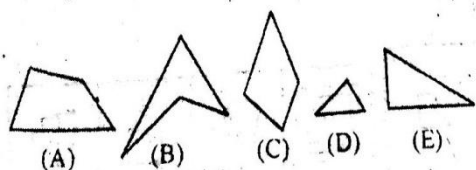
Figure Formation & Analysis

EXERCISE

TYPE -I

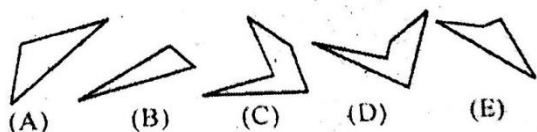
DIRECTION (Q. 1 to 3): In each of following questions select that combination of parts (A), (B), (C) and (E) which if fitted together will form an equilateral triangle.

1.



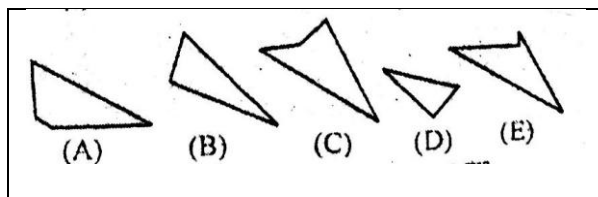
- | | |
|---------|---------|
| (a) ABC | (b) BCD |
| (c) ABD | (d) ABE |

2.



- | | |
|---------|---------|
| (a) ABC | (b) ACE |
| (c) BCD | (d) BDE |

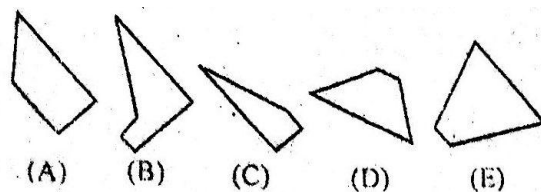
3.



- | | |
|---------|---------|
| (a) ABE | (b) BCE |
| (c) ADE | (d) BDE |

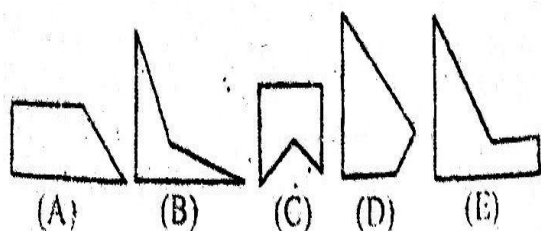
DIRECTION (Qs. 4 to 8): In each of following questions select that combination of parts (A), (B), (C), (D) and (E) which if fitted together will form a square.

4.



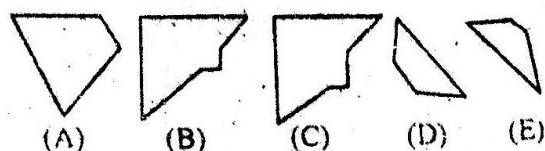
- | | |
|---------|---------|
| (a) ABD | (b) BCE |
| (c) ACD | (d) BDE |

5.



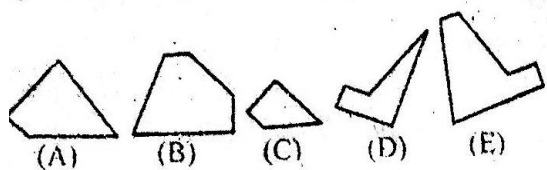
- | | |
|---------|---------|
| (a) ACD | (b) ABD |
| (c) BDC | (d) CDE |

6.



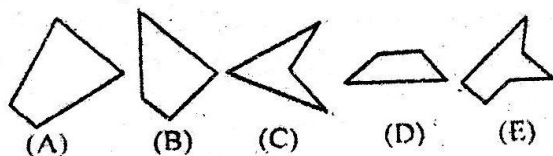
- | | |
|---------|---------|
| (a) ABC | (b) BCD |
| (c) ACD | (d) CDE |

7.



- | | |
|---------|---------|
| (a) ABD | (b) BCD |
| (c) BDE | (d) ADE |

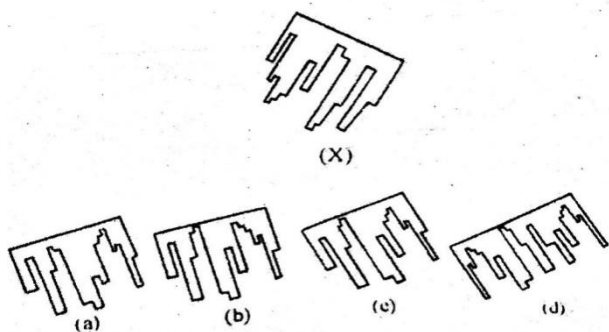
8.



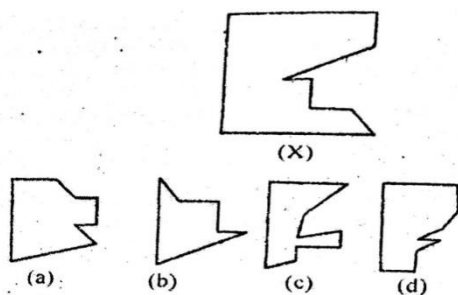
- (a) ABC (b) BCE
(c) BDE (d) ADE

DIRECTIONS (Qs. 9 to 10): a key figure (X) is given followed by four alternative figures. You will have to select one figure from the alternatives which fits exactly into key figure (X) to form a perfect square.

9.

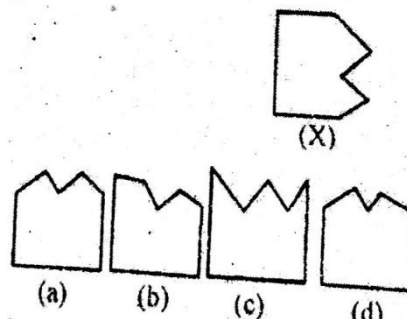


10.

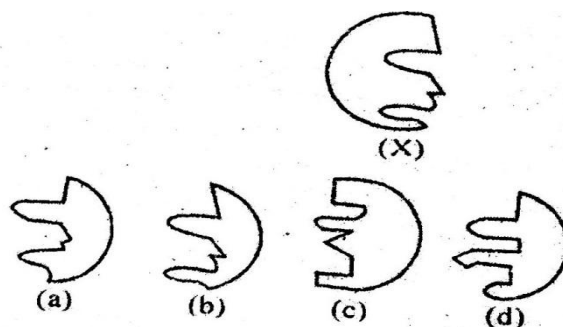


11. In this question a key figure (X) is given followed by five alternative figures. You will have to select one figure from the alternatives

which fits exactly into key figure (X) to form a rectangle.



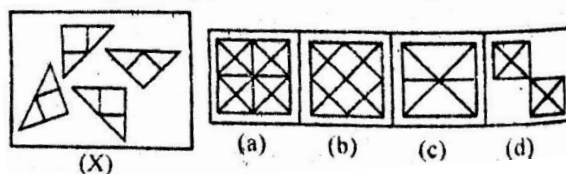
12. In this question, a key figure is given followed by four alternative figures. You will have to select one figure from the alternatives which fits exactly into key figure (X) to form a complete circle.



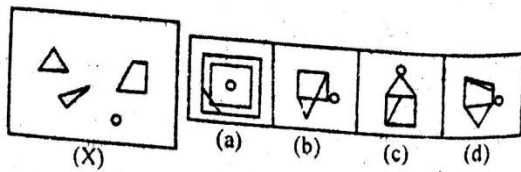
TYPE-II

DIRECTIONS (Qs. 13 to 16): In each of following questions find out which of the figures (a), (b), (c) and (d) can be formed from the pieces given in (X).

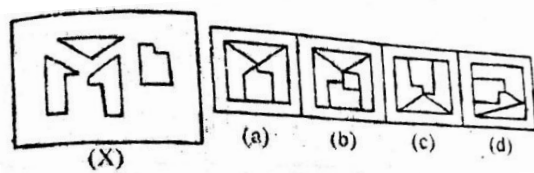
13.



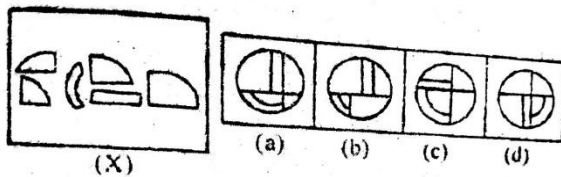
14.



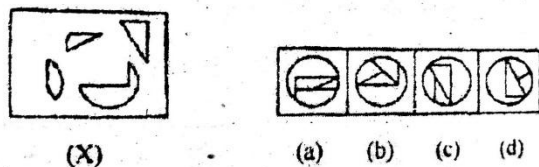
15.



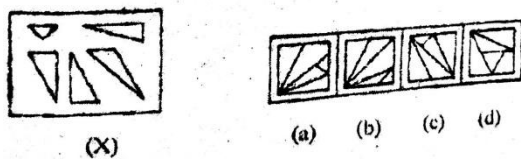
16.



17.



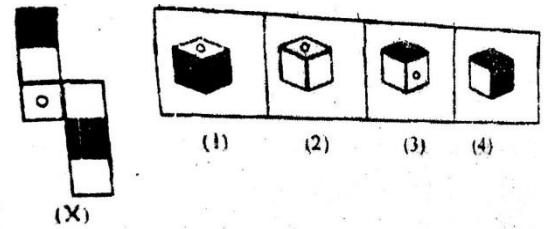
18.



TYPE-III

DIRECTIONS (Qs. 19 & 20): In the following questions how does the figure look when folded into a cube along the marked line?

19.



(a) 1 and 3

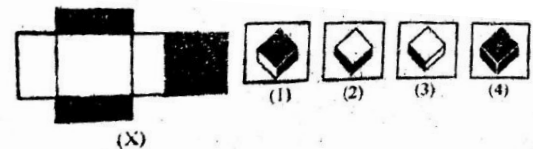
(b) 3 and 4

(c) 1, 2 and 3

(d) 1, 2 and 4

20.

12



a) 1,3 &4

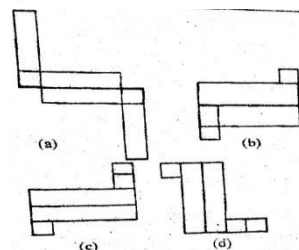
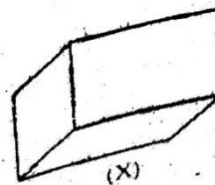
b) 2,3&4

c) 1,2&3

d) 1,2&4

21.

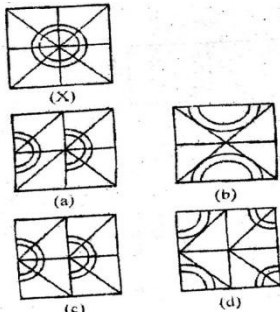
In this question, which of the following figures (a), (b), (c), (d) when folded along the lines, will produce the given figure 'X'



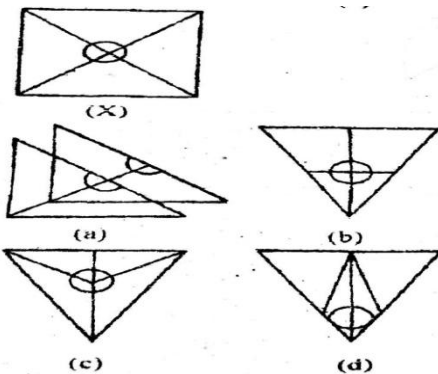
TYPE-IV

DIRECTIONS (Qs. 22 to 24): Which figure is the rearrangement of the parts of key figure X.

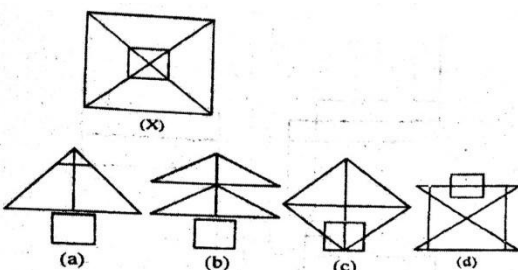
22.



23.



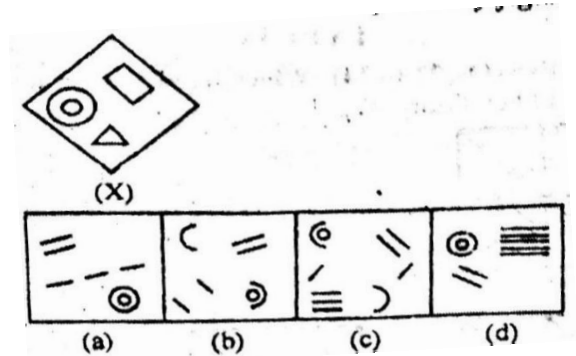
24.



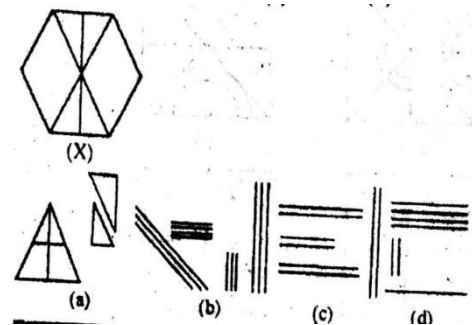
TYPE V

DIRECTIONS (Qs. 25 - 34): In each of the following questions select the option that can make up the key figure (X)

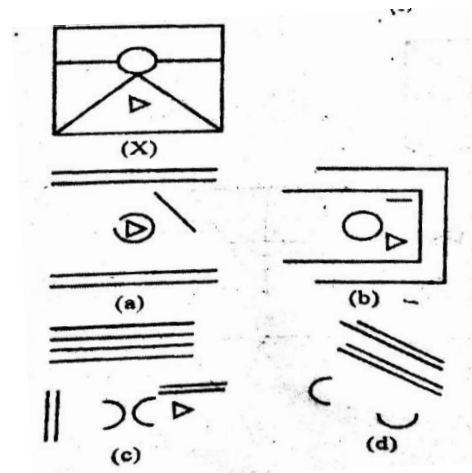
25.



26.

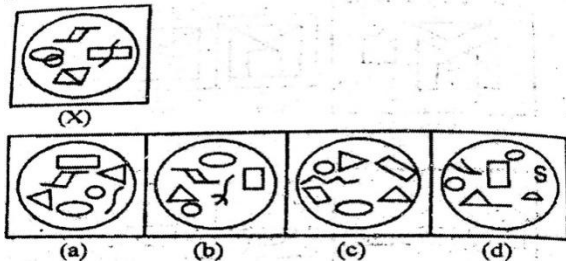


27.

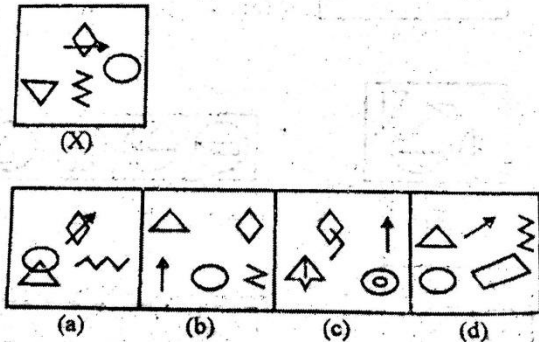


28.

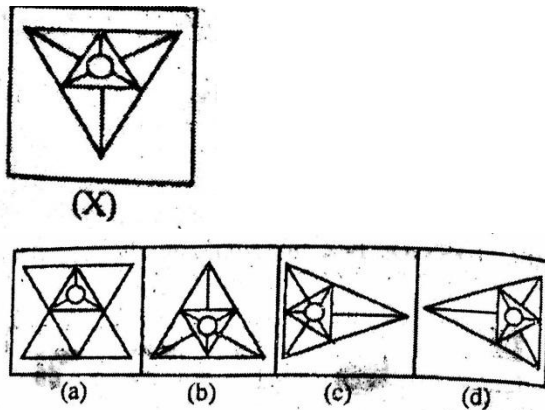
29.



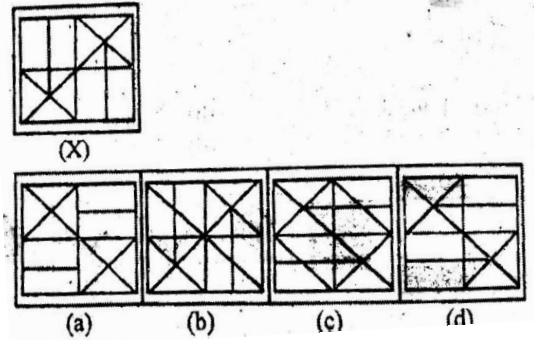
30.



31.

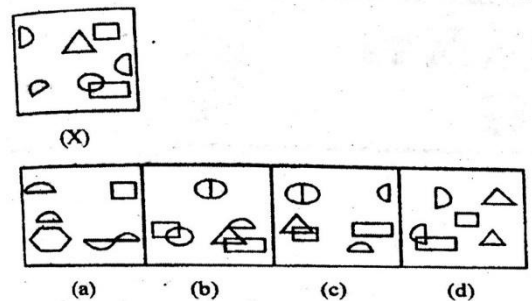


32.



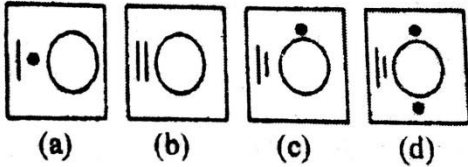
33. Find out which answer figure will exactly make up the question figure.

Question figure:





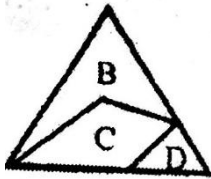
Answer figures :


ANSWER KEY

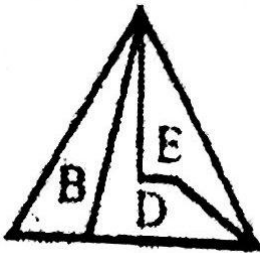
1	(b)	6	(d)	11	(c)	16	(a)	21	(a)	26	(d)	31	(d)
2	(d)	7	(b)	12	(b)	17	(c)	22	(c)	27	(c)	32	(d)
3	(c)	8	(c)	13	(b)	18	(c)	23	(a)	28	(a)	33	(a)
4	(b)	9	(c)	14	(c)	19	(b)	24	(d)	29	(a)	34	(c)
5	(a)	10	(b)	15	(c)	20	(a)	25	(c)	30	(d)		

HINTS & EXPLANATIONS [PAGE 139 Numbers]

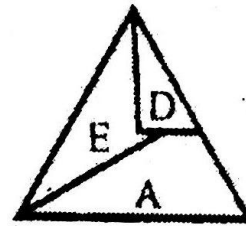
1. (b)



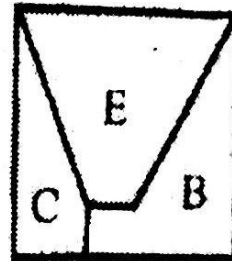
2. (d)



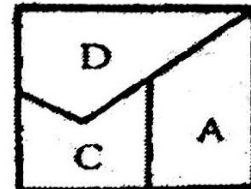
3. (c)



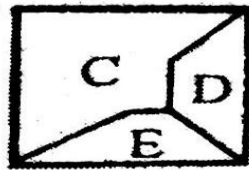
4. (b)



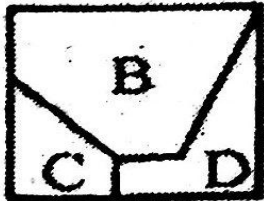
5. (a)



6. (d)



7. (b)



8. (c)



9. (c)



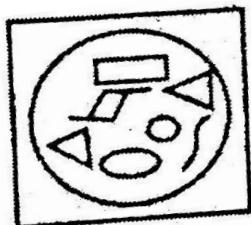
10. (b)



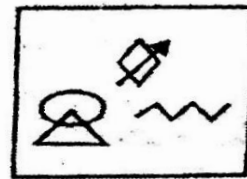
11. (c) All of the components of figure (X) are present in the figure (c)

12. (c) All of the components of figure (X) are present in the figure (c)

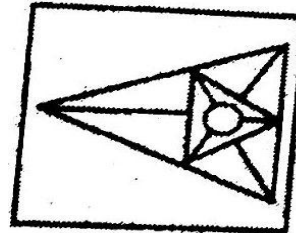
13. (a)



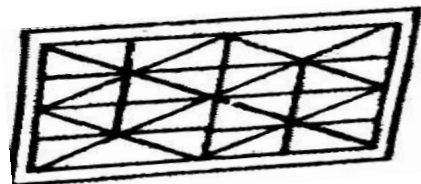
14. (a)



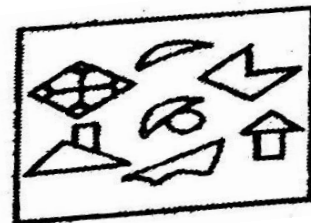
15. (d)



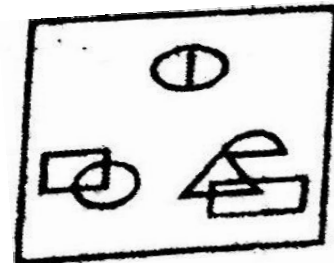
16. (d)



17. (d)



18. (a)



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