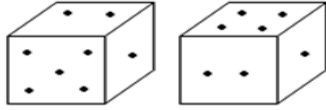


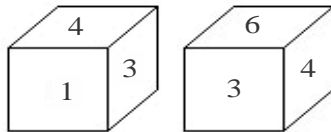
DICE

1. Two positions of dice are shown below. How many points will appear on the opposite to the face containing 5 points?



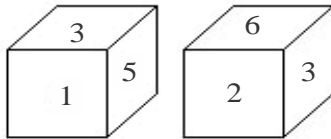
- (a) 3
(b) 1
(c) 2
(d) 4

2. Which digit will appear on the face opposite to the face with number 4?



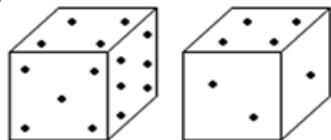
- (a) 2/5
(b) 5
(c) 2
(d) 2/3

3. Two positions of a dice are shown below. Which number will appear on the face opposite to the face with the number 5?



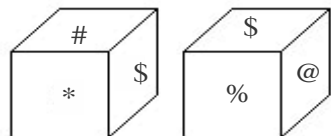
- (a) 2/6
(b) 2
(c) 6
(d) 4

4. If there are two dots in the bottom, then how many dots will be on the top?



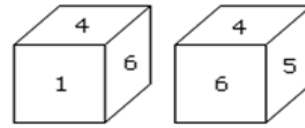
- (a) 2
(b) 3
(c) 5
(d) 6

5. Two position of a cube with its surfaces symbols are #, *, \$, @, %, ☺. When the surface \$ touch the bottom. What surface will be on the top?



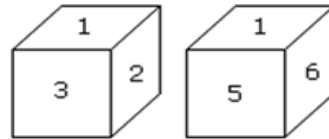
- (a) #
(b) ☺
(c) *
(d) @

6. In the dice given below which number will be on the side opposite to 1?



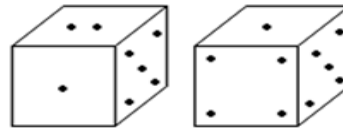
- (a) 3
(b) 5
(c) 2
(d) 6

7. Two positions of a cube with its surfaces numberd are shown below. When the surface 4 touch the bottom, what surface will be on the top?



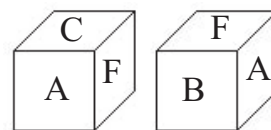
- (a) 1
(b) 2
(c) 5
(d) 6

8. Observe the dots on the dice (one to six dots) in the following figures. How manydots are contained on the face opposite to the containing four dots?



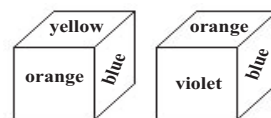
- (a) 2
(b) 3
(c) 5
(d) 6

9. Two positions of a cubical block are shown. When B is at the top which letter will be at bottom?



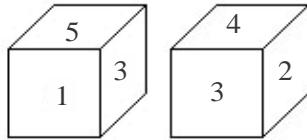
- (a) A
(b) B
(c) C
(d) D

10. From the two positions of the dice given below, find colour which is opposite to yellow?



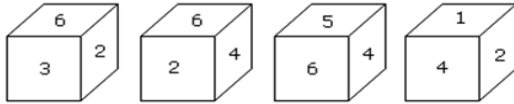
- (a) blue
(b) red
(c) violet
(d) orange

11. Which is opposite to 4?



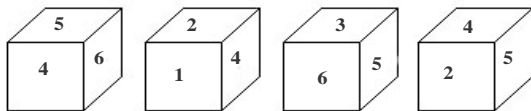
- (a) 2 (b) 1
(c) 5 (d) 6

12. Which number is on the face opposite to 6?



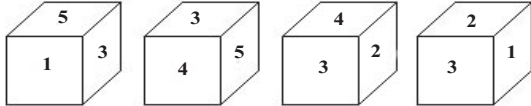
- (a) 4 (b) 1
(c) 2 (d) 3

13. In the dice given below which number will be on the side opposite to 3?



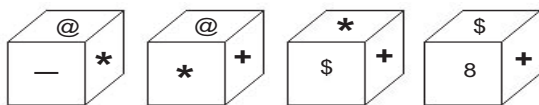
- (a) 1 (b) 2
(c) 4 (d) 6

14. In the dice given below which number will be on the side opposite to 6?



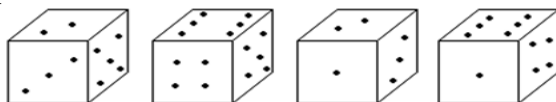
- (a) 5 (b) 4
(c) 2 (d) 3

15. Which symbol will be on the face opposite to the face with symbol *?



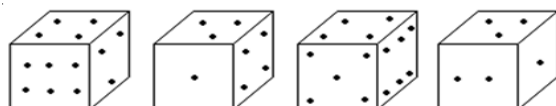
- (a) @ (b) \$
(c) 8 (d) +

16. How many points will be on the face opposite to in face which contains 2 points?



- (a) 1 (b) 5
(c) 4 (d) 6

17. How many points will be on the face opposite to the face which contains 3 points?



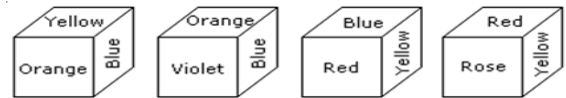
- (a) 2 (b) 4
(c) 5 (d) 6

18. What is the opposite 3, if four different positions of dice are as shown below?



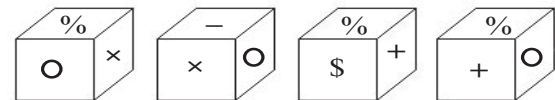
- (a) 6 (b) 4
(c) 3 (d) 2

19. From the four positions of a dice given below, find the color which is opposite to blue?



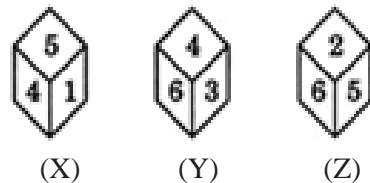
- (a) Violet (b) Red
(c) Rose (d) Blue

20. Here 4 positions of a cube are shown. Which sign will be opposite to '+'?



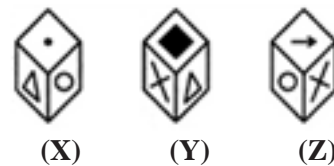
- (a) % (b) -
(c) x (d) \$

21. Three different positions X, Y and Z of a dice are shown in the figures given below. Which numbers are hidden behind the numbers 6 and 5 in the position Z?



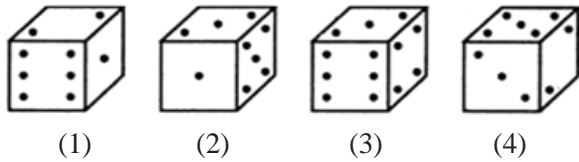
- (a) 1 and 4 (b) 1 and 3
(c) 4 and 3 (d) 1 and 2

22. A cube has six different symbols drawn over its six faces. The symbols are dot, circle, triangle, square, cross and arrow. Three different positions of the cube are shown in figures X, Y, and Z. Which symbol is opposite the arrow?



- (a) circle (b) triangle
(c) dot (d) cross

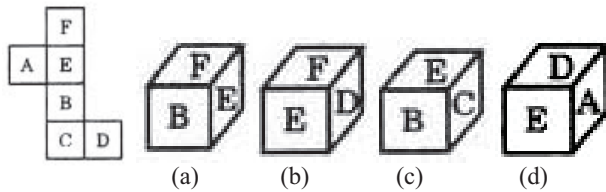
23. Of the total number of dots on opposite faces of a cubical block is always 7, find the figure which is correct.



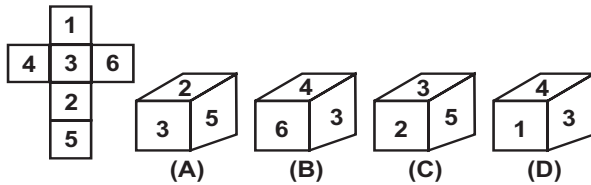
- (1) (2) (3) (4)
 (a) fig. 1 (b) fig. 2
 (c) fig. 3 (d) fig. 4

Direction (24 to 33):— In each question an explanatory figure of dice is given. Study the figure and indentify the correct dice formed by that figure.

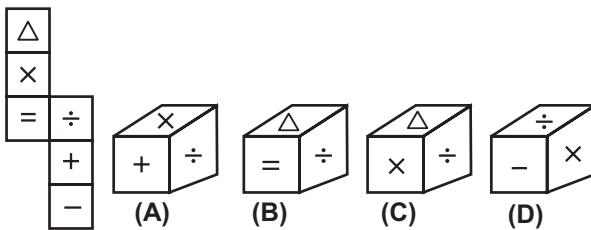
24.



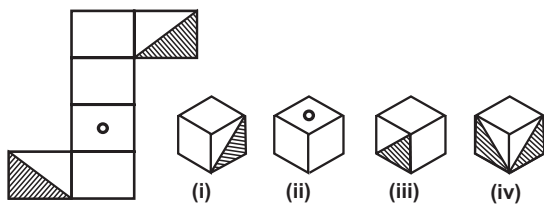
25.



26.

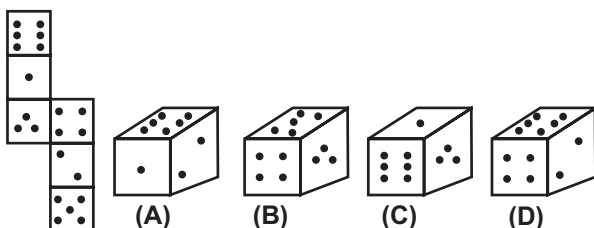


27.

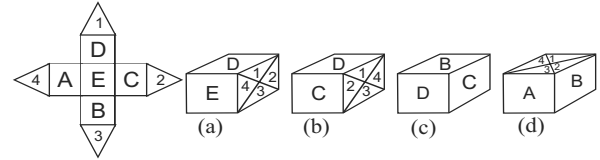


- (a) (i) and (iii) (b) (i) and (iv)
 (c) (ii) and (iv) (d) (iii) and (iv)

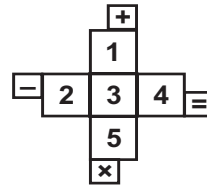
28.



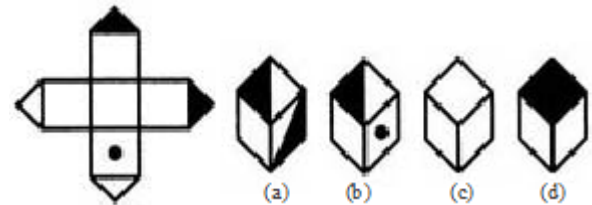
29.



30.



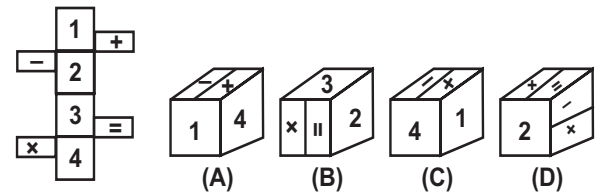
31.



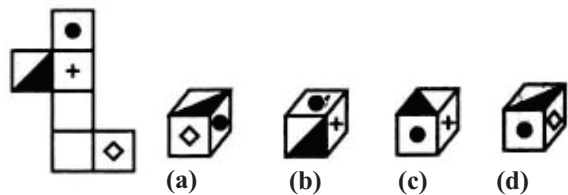
- a. 1 and 3 only
 c. 2 and 3 only

- b. 1 and 4 only
 d. 3 and 4 only

32.



33.

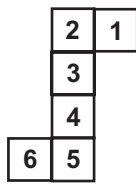
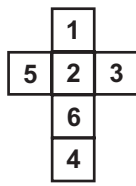
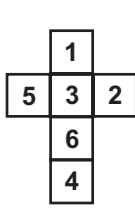
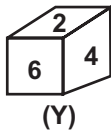
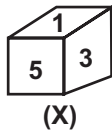


34. Which alphabet will come in place of question mark?



- (a) S (b) Y
 (c) U (d) W

35. Below are given explanatory figures of a single dice shown in two positions, determine the correct explanatory figure.



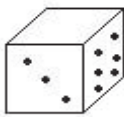
(a)

(b)

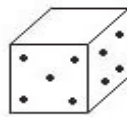
(c)

(d)

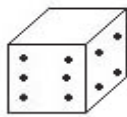
(36 – 38):– Six dice with upper faces erased are as shows. The sum of the numbers of dots on the opposite face is 7.



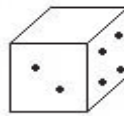
(I)



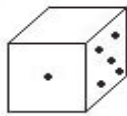
(II)



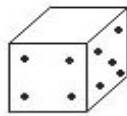
(III)



(IV)



(V)



(VI)

36. If even numbered dice have even number of dots on their top faces, then what would be the total number of dots on the top faces of their dice?
- (a) 12 (b) 14
(c) 18 (d) 24

37. If the odd numbered dice have odd number of dots on their top faces, then what would be the total number of dots on the top faces of their dice?
- (a) 8 (b) 10
(c) 13 (d) 14

38. If dice (I), (II) and (III) have even number of dots on their bottom faces and three dice (IV), (V) and (VI) have odd number of dots on their top faces, then what would be the difference in the total of top faces between there two sets?
- (a) 0 (b) 2
(c) 4 (d) 6

39. A dice is numbered from 1 to 6 in different ways. If 1 is adjacent to 2, 4 and 6, then which of the following statements is necessarily true?

- (a) 2 is opposite to 6 (b) 1 is opposite to 3
(c) 3 is adjacent to 5 (d) 3 is opposite to 5

40. A dice is numbered from 1 to 6 in different ways. If 2 is opposite to 3 and adjacent to 4 and 6, then which of the following statements is necessarily true?

- (a) 1 is opposite to 5
(b) 4 is opposite to 6
(c) 4 is adjacent to 2 and 6
(d) 1 is adjacent to 2 and 3

ANSWERS

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