

Cube and Dice for SSC & Railway Exams

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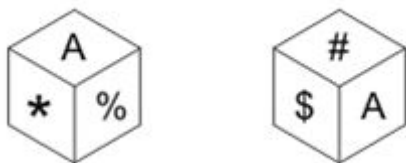
Cube and Dice for SSC CGL/CHSL/CPO/MTS Exams

1. Which of the following cubes cannot be formed, when the given figure is folded to form a cube?



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

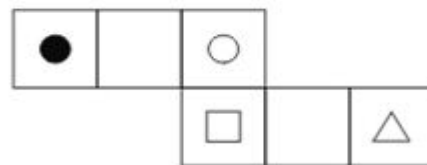
2. Two different positions of the same dice are shown. Select the symbol that will be on the face opposite to the one showing '#'.



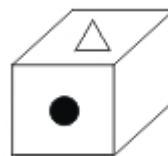
- a) %
- b) &
- c) *

d) %

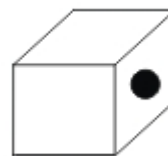
3. Which of the following cubes can be formed, when the given figure is folded to form a cube?



a)



b)



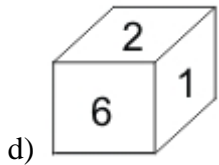
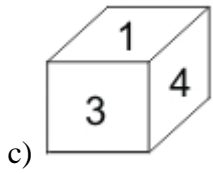
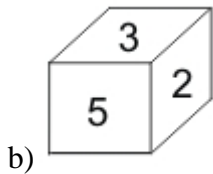
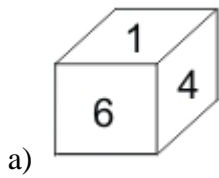
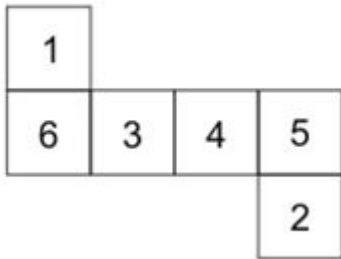
c)



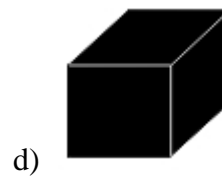
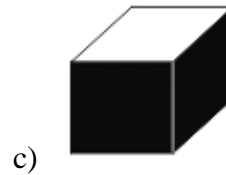
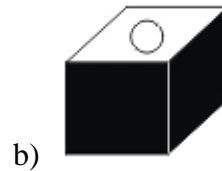
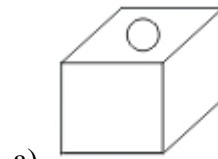
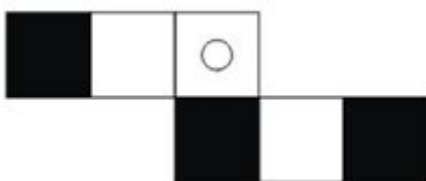
d)

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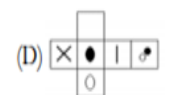
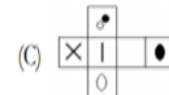
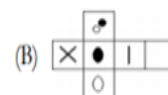
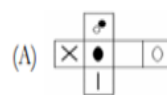
4. Which of the following cubes can be formed, when the given figure is folded to form a cube?



5. Which of the following cubes can be formed, when the given figure is folded to form a cube?



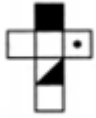
6. Choose the alternative that best resembles the unfolded form of the given cube.



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

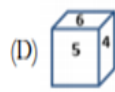
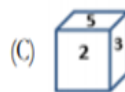
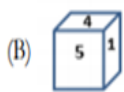
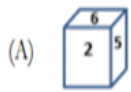
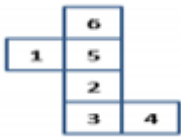
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7. Which of the following cubes can be formed, when the given figure is folded to form a cube?



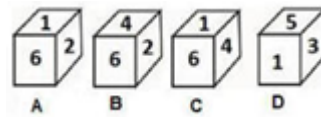
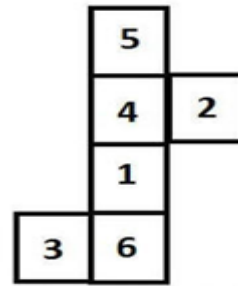
- a) B
- b) C
- c) D
- d) A

8. Which of the following cubes can be formed, when the given figure is folded to form a cube?



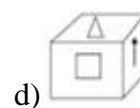
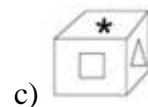
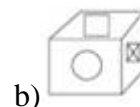
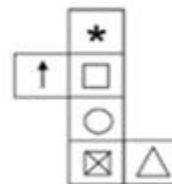
- a) B
- b) C
- c) D
- d) A

9. Which of the following cubes can be formed, when the given figure is folded to form a cube?



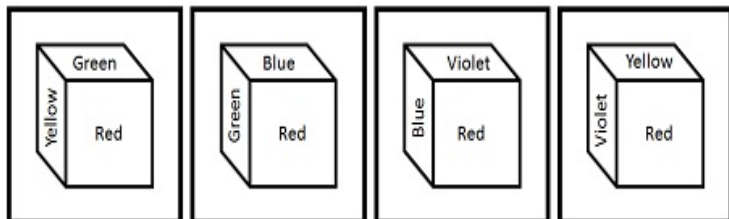
- a) B
- b) C
- c) D
- d) A

10. Which of the following cubes can be formed, when the given figure is folded to form a cube?



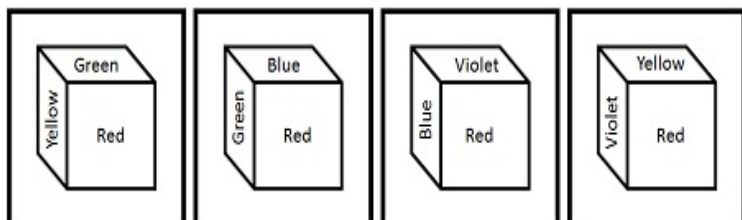
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11. Four different positions of the same dice are shown. Select the letter that will be on the face opposite to the one showing 'Blue'.



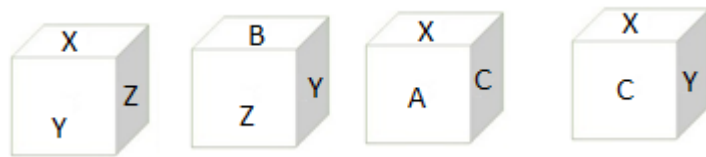
- a) Green
- b) Yellow
- c) Red
- d) Violet

12. Four different positions of the same dice are shown. Select the letter that will be on the face opposite to the one showing 'Violet'.



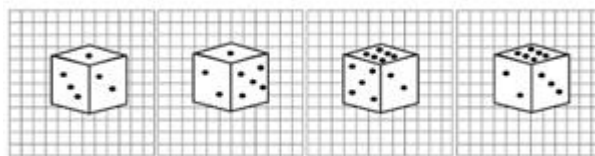
- a) Green
- b) Yellow
- c) Red
- d) Blue

13. Four different positions of the same dice are shown. Select the letter that will be on the face opposite to the one showing 'X'.



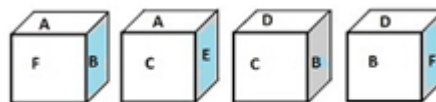
- a) Y
- b) B
- c) A
- d) C

14. Four different positions of the same dice are shown. Select the number of dots that will be on the face opposite to the one showing '4 dots'.



- a) 1
- b) 3
- c) 2
- d) 5

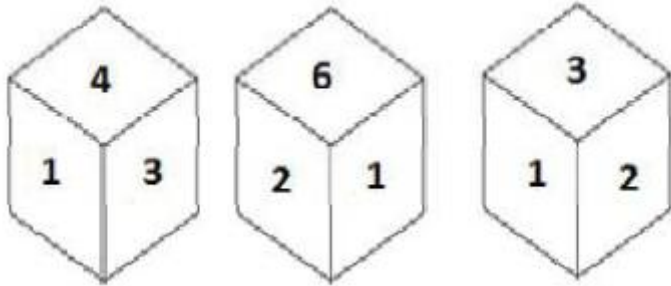
15. Four different positions of the same dice are shown. Select the letter that will be on the face opposite to the one showing 'C'.



- a) F
- b) A
- c) B
- d) E

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16. Three different positions of the same dice are shown. Select the number that will be on the face opposite to the one showing '4'.



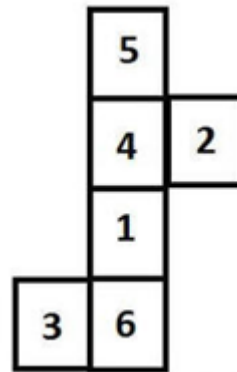
- a) 1
- b) 2
- c) 3
- d) 6

17. Two different positions of the same dice are shown. Select the letter that will be on the face opposite to the one showing '2'.



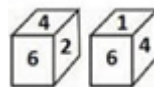
- a) 3
- b) 6
- c) 4
- d) 5

18. When the given figure is folded to form a cube, which number will not be adjacent to '2'?



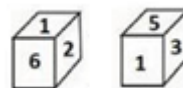
- a) 5
- b) 3
- c) 1
- d) 6

19. Two different positions of the same dice are shown. Select the number that will be on the face opposite to the one showing '1'.



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

20. Two different positions of the same dice are shown. Select the number that will be on the face opposite to the one showing '3'.



- a) 1

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- b) 2
- c) 5
- d) 6

21. Two different positions of the same dice are shown. Select the number that will be on the face opposite to the one showing '4'.



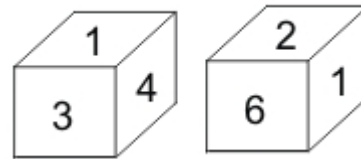
- a) 5
- b) 1
- c) 2
- d) 6

22. Two different positions of the same dice are shown. Select the number that will be on the face opposite to the one showing '4'.



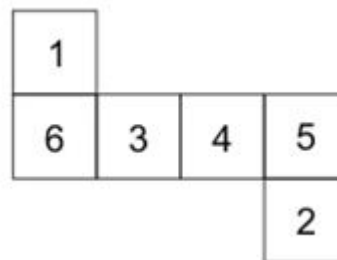
- a) 5
- b) 3
- c) 2
- d) 6

23. Two different positions of the same dice are shown. Select the number that will be on the face opposite to the one showing '6'.



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

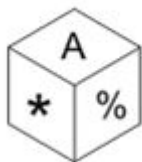
24. Select the correct combination of opposite faces, when the given figure is folded to form a cube?



- a) 6, 1
- b) 5, 4
- c) 1, 3
- d) 4, 6

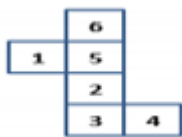
25. Two different positions of the same dice are shown. Select the symbol that will be on the face opposite to the one showing 'A'.

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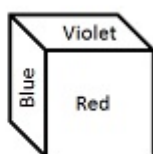
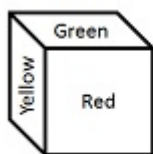
- a) %
- b) \$
- c) @
- d) %

26. Select the correct combination of opposite faces, when the given figure is folded to form a cube?



- a) 1, 6
- b) 5, 2
- c) 3, 4
- d) 5, 3

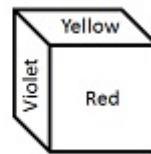
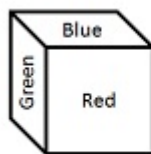
27. Two different positions of the same dice are shown. Select the colour that will be on the face opposite to the one showing 'Red'.



- a) Blue

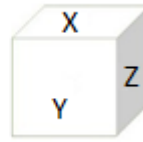
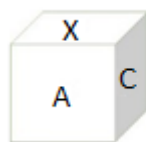
- b) Red
- c) Green
- d) Pink

28. Two different positions of the same dice are shown. Select the colour that will be on the face opposite to the one showing 'Violet'.



- a) Blue
- b) Red
- c) Green
- d) Yellow

29. Two different positions of the same dice are shown. Select the letter that will be on the face opposite to the one showing 'Z'.



- a) B
- b) C
- c) X
- d) Y

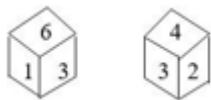
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30. Two different positions of the same dice are shown. Select the number that will be on the face opposite to the one showing '2'.



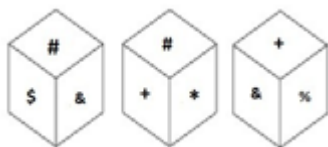
- a) 3
- b) 6
- c) 1
- d) 5

31. Two different positions of the same dice are shown. Select the letter that will be on the face opposite to the one showing '3'.



- a) 5
- b) 1
- c) 4
- d) 2

32. Three different positions of the same dice are shown. Select the symbol that will be on the face opposite to the one showing '*'.



- a) \$
- b) &

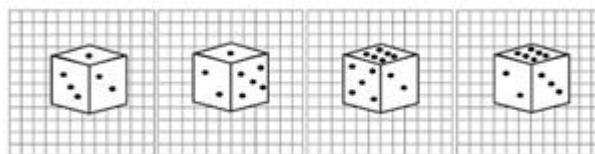
- c) %
- d) +

33. Two different positions of the same dice are shown. Select the letter that will be on the face opposite to the one showing 'B'.



- a) X
- b) Y
- c) Z
- d) C

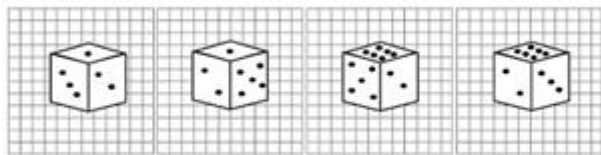
34. Four different positions of the same dice are shown. Select the number of dots that will be on the face opposite to the one showing 'four dots'.



- a) 1
- b) 3
- c) 2
- d) 5

35. Four different positions of the same dice are shown. Select the number of dots that will be on the face opposite to the one showing 'Three dots'.

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- a) 1
- b) 3
- c) 2
- d) 5

36. Three different positions of the same dice are shown. Select the number that will be on the face opposite to the one showing '5'.



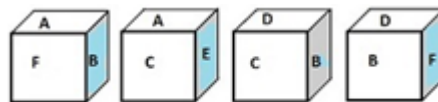
- a) 1
- b) 2
- c) 6
- d) 3

37. Two different positions of the same dice are shown. Select the letter that will be on the face opposite to the one showing '6'.



- a) 5
- b) 3
- c) 1
- d) 4

38. Four different positions of the same dice are shown. Select the letter that will be on the face opposite to the one showing 'A'.



- a) F
- b) D
- c) B
- d) E

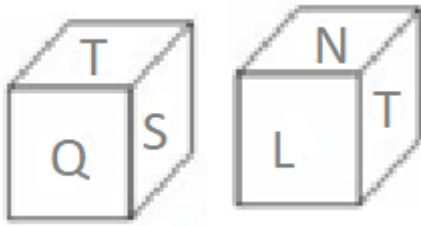
39. Two different positions of the same dice are shown. Select the letter that will be on the face opposite to the one showing 'N'.



- a) O
- b) W
- c) E
- d) M

40. Two different positions of the same dice are shown. Select the letter that will be on the face opposite to the one showing 'Q'.

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- a) N
- b) L
- c) S
- d) T

41. Two different positions of the same dice are shown. Select the symbol that will be on the face opposite to the one showing '@'.



- a) @
- b) \$
- c) *
- d) !

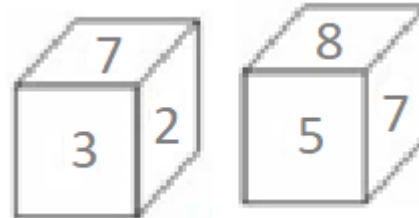
42. Two different positions of the same dice are shown. Select the letters that will be on the face opposite to the one showing 'bl'.



- a) in

- b) ln
- c) pk
- d) kt

43. Two different positions of the same dice are shown. Select the number that will be on the face opposite to the one showing '8'.



- a) 3
- b) 2
- c) 8
- d) 5

44. Two different positions of the same dice are shown. Select the letter that will be on the face opposite to the one showing 'M'.



- a) W
- b) O
- c) E
- d) N

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45. Two different positions of the same dice are shown. Select the letters that will be on the face opposite to the one showing 'kt'.



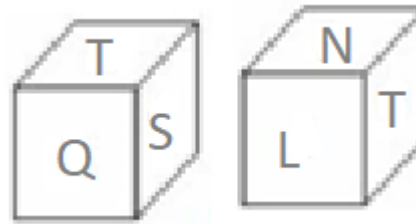
- a) pk
- b) bl
- c) ew
- d) ln

46. Two different positions of the same dice are shown. Select the symbol that will be on the face opposite to the one showing '@'.



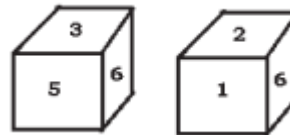
- a) !
- b) @
- c) %
- d) \$

47. Two different positions of the same dice are shown. Select the letter that will be on the face opposite to the one showing 'S'.



- a) T
- b) Q
- c) L
- d) B

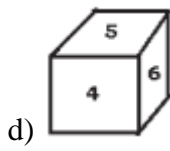
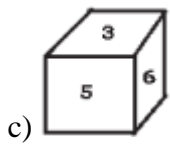
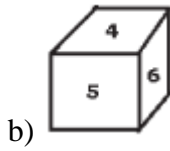
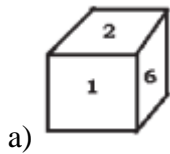
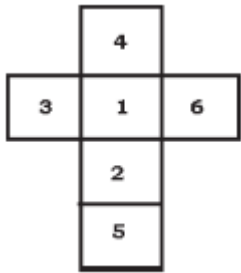
48. Two different positions of the same dice are shown. Select the number that will be on the face opposite to the one showing '5'.



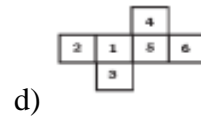
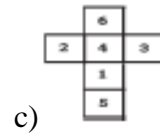
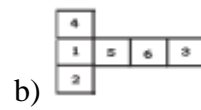
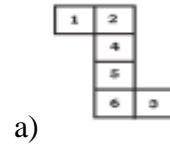
- a) 2
- b) 1
- c) 6
- d) 3

49. Which of the following cubes cannot be formed, when the given figure is folded to form a cube?

Cube and Dice for SSC & Railway Exams



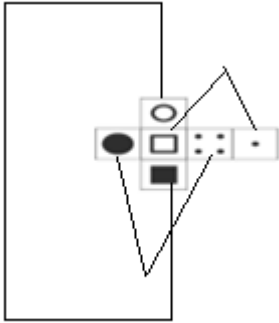
50. A standard dice is the one in which the sum of the numbers on the opposite surfaces equals to 7. Which of the below figures, when folded, can create a standard dice?



Cube and Dice for SSC & Railway Exams

ANSWERS

1) Answer: A



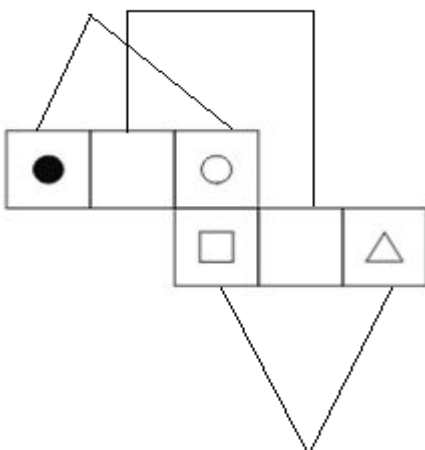
In option 'd', two opposite faces appear together. So, the cube cannot be formed.

2) Answer: C

As, 'A' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

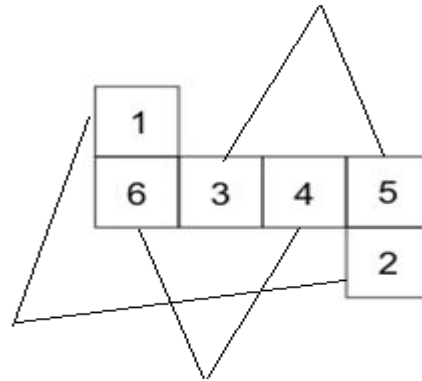
A	%	*
A	\$	#

3) Answer: B



In option 'b', no two opposite faces appear together, while in other three options, two opposite faces appear together. So, cubes other than 'b' cannot be formed.

4) Answer: C



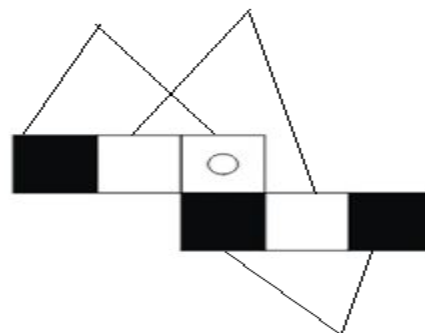
The faces opposite to each other in the dice is shown below:

6	3	2
4	5	1

In option 'c', no two opposite faces appear together. So, the cube can be formed.

In options other than c, two opposite faces appear together. So, the cubes cannot be formed.

5) Answer: C

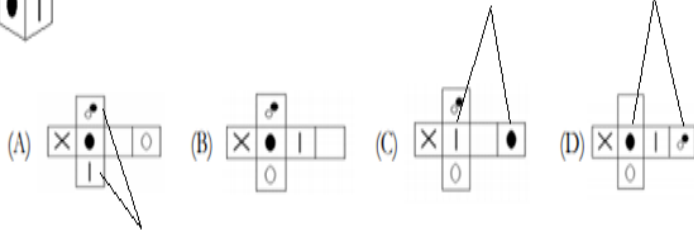


In option 'c', no two opposite faces appear together. So, the cube can be formed.

In options other than c, two opposite faces appear together. So, the cubes cannot be formed.

Cube and Dice for SSC & Railway Exams

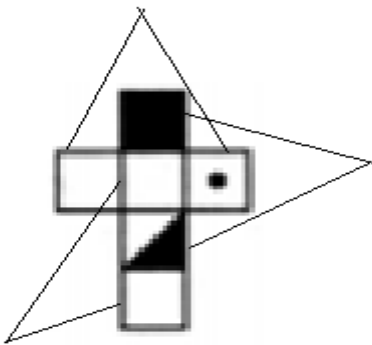
6) Answer: A



In options other than b, two opposite faces appear together. So, the cubes cannot be formed.

In option 'b', no two opposite faces appear together. So, the cube can be formed.

7) Answer: A



In option 'b', no two opposite faces appear together. So, the cube can be formed.

In options other than b, two opposite faces appear together. So, the cubes cannot be formed.

8) Answer: C

The faces opposite to each other in the dice is shown below:

6	5	1
2	3	4

In option 'd', no two opposite faces appear together. So, the cube can be formed.

In options other than d, two opposite faces appear together. So, the cubes cannot be formed.

9) Answer: D

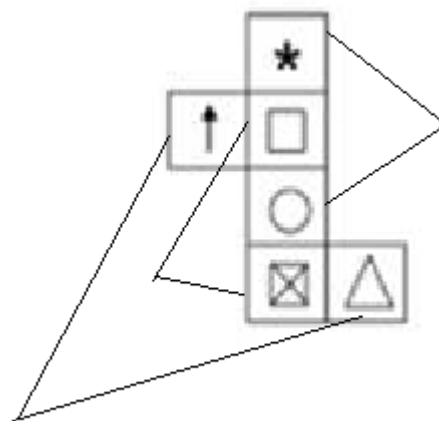
The faces opposite to each other in the dice is shown below:

6	5	3
4	1	2

In option 'a', no two opposite faces appear together. So, the cube can be formed.

In options other than a, two opposite faces appear together. So, the cubes cannot be formed.

10) Answer: C



Cube and Dice for SSC & Railway Exams

11) Answer: B

In the first two dice, we see that Green and Red are the common faces, so definitely, Blue is opposite to Yellow.

12) Answer: A

In the 2nd and 3rd dice, we see that blue and Red are the common faces, so definitely, Violet is opposite to Green.

13) Answer: B

In the first two dice, we see that Y and Z are the common faces, so definitely, B is opposite to X.

14) Answer: C

The faces opposite to each other in the dice are shown below:

6	2	3
1	4	5

15) Answer: A

The faces opposite to each other in the dice are shown below:

A	B	F
D	E	C

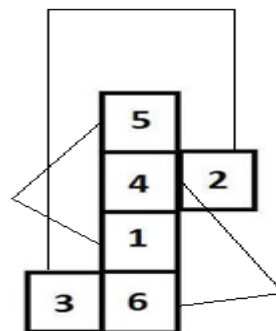
16) Answer: B

As 1 and 3 are common faces in 1st and 3rd dice, so definitely 4 is opposite to 2.

17) Answer: C

As 5 is adjacent to 1, 6, 2 and 3, it is opposite to 4.

18) Answer: B



5, 4, 1 and 6 are to 2. '3' will be opposite to '2', which means 3 will not be adjacent to '2'.

19) Answer: B

6 and 2 are the common faces in both the dice, so definitely 2 is opposite to 1.

20) Answer: D

As, '1' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

1	2	6
1	5	3

21) Answer: C

As, '5' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

5	2	6
5	4	1

Cube and Dice for SSC & Railway Exams

22) Answer: C

As, '5' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

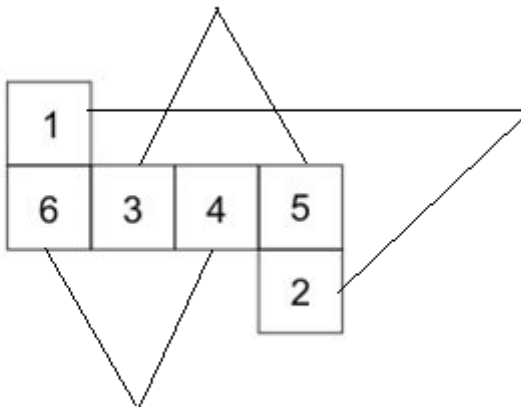
5	3	2
5	6	4

23) Answer: D

As, '1' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

1	4	3
1	6	2

24) Answer: D



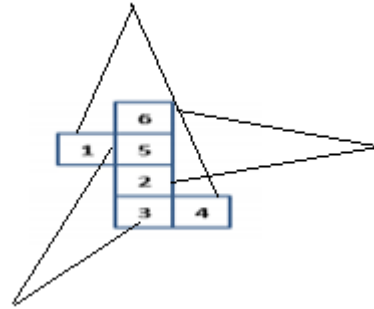
Opposite faces are:

6	3	1
4	5	2

25) Answer: C

As A is adjacent to *, %, # and \$, it is opposite to '@'.

26) Answer: D



Opposite faces are:

1	6	5
4	2	3

27) Answer: D

As Red is adjacent to Green, Yellow, Blue and Violet, it is opposite to 'Pink'.

28) Answer: C

As, 'Red' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

Red	Green	Blue
Red	Violet	Yellow

29) Answer: B

As, 'Y' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

Y	C	X
Y	Z	B

Cube and Dice for SSC & Railway Exams

30) Answer: B

The faces opposite to each other in the dice is shown below:

1	5	6
1	3	2

31) Answer: A

The faces opposite to each other in the dice is shown below:

3	1	6
3	4	2

As 3 is adjacent to 1, 4, 6 and 2, it is opposite to 5.

32) Answer: B

The faces opposite to each other in the dice is shown below:

#	&	\$
%	*	+

33) Answer: A

As, 'Y' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

Y	C	X
Y	Z	B

34) Answer: C

The faces opposite to each other in the dice is shown below:

6	2	3
1	4	5

35) Answer: D

The faces opposite to each other in the dice is shown below:

6	2	3
1	4	5

36) Answer: D

The faces opposite to each other in the dice is shown below:

5	4	1
3	6	2

37) Answer: A

The faces opposite to each other in the dice is shown below:

4	6	3
4	5	1

38) Answer: B

The faces opposite to each other in the dice is shown below:

A	B	F
D	E	C

39) Answer: C

As, 'O' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

O	W	E
O	M	N

Cube and Dice for SSC & Railway Exams

40) Answer: A

As, 'T' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

T	S	Q
T	L	N

41) Answer: B

As, '@' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

@	\$!
@	%	*

42) Answer: B

As, 'pk' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

pk	bl	ew
pk	ln	Kt

43) Answer: A

As 7, 2, 5 are adjacent to '8', '8' is opposite to '3'.

44) Answer: A

As, 'O' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

O	W	E
O	M	N

45) Answer: C

As, 'pk' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

pk	bl	ew
pk	ln	kt

46) Answer: A

As, '@' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

@	\$!
@	%	*

47) Answer: C

As, 'T' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

T	S	Q
T	L	N

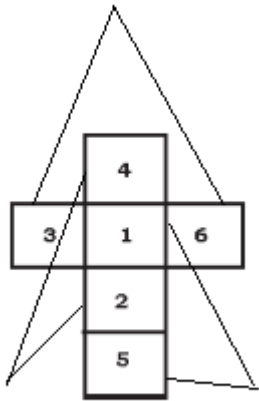
48) Answer: B

As, '6' is common face in both the dice, keeping it constant and then moving in clockwise direction, we get the faces opposite to each other:

6	5	3
6	1	2

49) Answer: C

Cube and Dice for SSC & Railway Exams



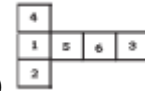
Dice 'c' cannot be formed as 3 and 6 are opposite faces.

50) Answer: D

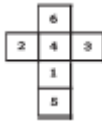
Opposite faces of:



a) $2 + 5 = 7$; $4 + 6 = 10$; $1 + 3 = 4$



b) $1 + 6 = 7$; $5 + 3 = 8$; $4 + 2 = 6$



c) $6 + 1 = 7$; $4 + 5 = 9$; $2 + 3 = 5$



d) $2 + 5 = 7$; $1 + 6 = 7$; $4 + 3 = 7$

So, option d when folded, can create a standard dice.

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