



Dice Questions for SSC CGL Set-2 PDF

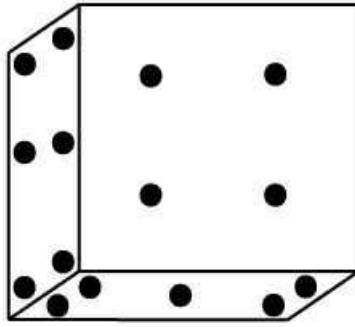
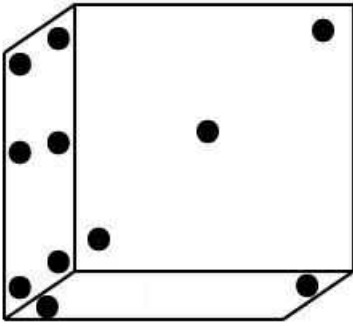
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Instructions

For the following questions answer them individually

Question 1

Identify the number at the bottom when the top is 5 in a dice.



- A 2
- B 3
- C 4
- D 6

Answer: A

Explanation:

From the both positions of dice, it is clear that-
No. 6 has 2,3,4,5 as its adjacent faces.

Hence, 1 is opposite to 6.

Rotating the first dice along face containing No. 6, we get Second position of dice.

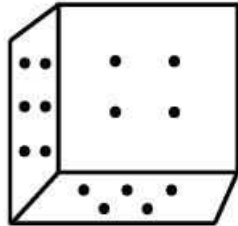
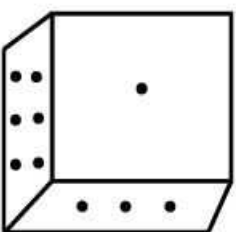
Hence, 4 is opposite to 3 and 2 is opposite to 5.

Hence, When 5 is at the top, 2 is at the bottom.

Therefore, Option A is correct.

Question 2

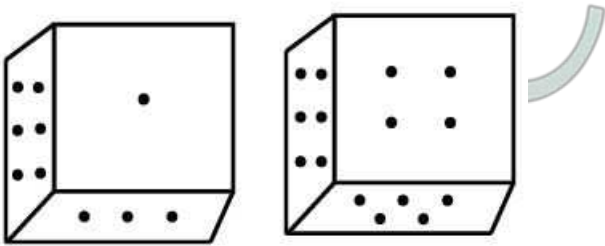
Two positions of a dice are shown below. When three is at the top what number will be at the bottom ?



- A 2
- B 1
- C 4
- D 5

Answer: D

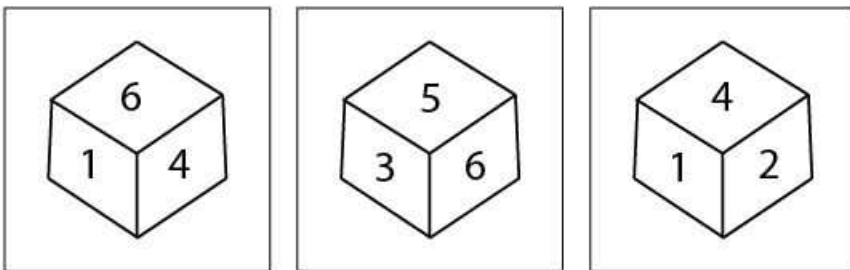
Explanation:



From the 2 positions of dice it is clear that,
 No. 6 has its adjacent as no. 1,3,4,5.
 Hence, No. 2 is opposite to No. 6.
 Rotate the dice from 1st position along face having No. 6 twice,
 We get second position.
 Hence No. 1 is opposite to No. 4.
 Therefore No. 3 must be opposite to No. 5.
 Hence, when No. 3 is at the top No. 5 will be at the bottom.
 Therefore, Option D is correct.

Question 3

Three positions of a dice are given. Find out which number is found opposite the number 2 in the given cube.



- A 6
- B 5
- C 3
- D 1

Answer: A

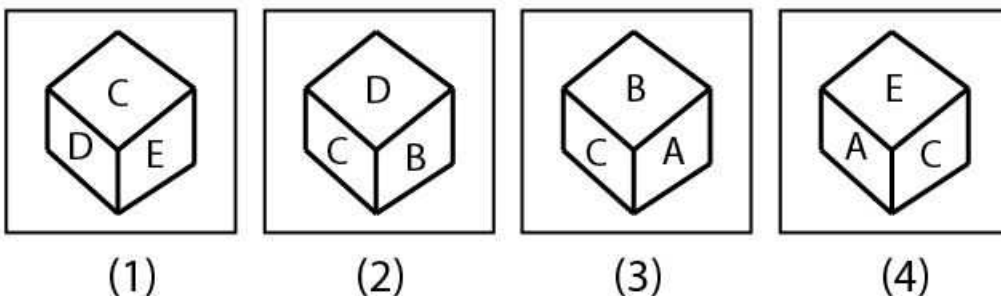
Explanation:

From the images 1 & 3, the number that is opposite to 2 must be 6.

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Question 4

Four positions of dice are given below. Which letter will be opposite to D ?



- A B

- B C
- C D
- D A

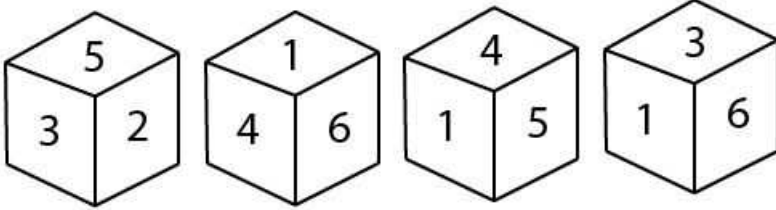
Answer: D

Explanation:

From figures 1 & 2, it is clear that C, E, B cannot be opposite to D as they are adjacent. Hence, A is opposite to D.

Question 5

Four positions of a dice are given below. Identify the number at the bottom when top is 1.



- A 6
- B 3
- C 2
- D 5

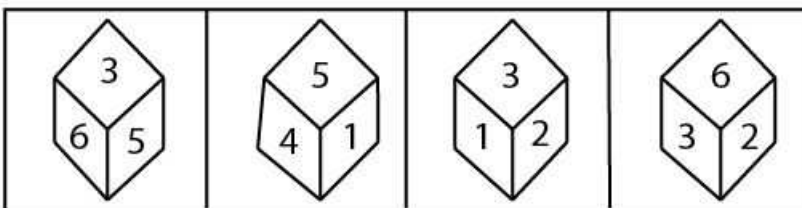
Answer: C

Explanation:

From the first, 3rd & 4th images, clearly 3, 6, 2 are adjacent. Hence, when 1 is on the top, 2 must be on the bottom.

Question 6

Four positions of a dice are given below. Identify the number at the bottom when the number on the top is 2.



- A 6
- B 3
- C 4
- D 5

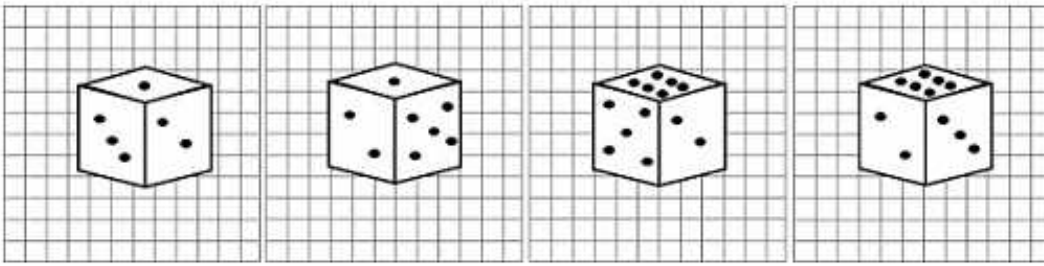
Answer: D

Explanation:

From 1st, 3rd and 4th pictures, clearly, 2, 3, 5 are adjacent. Hence, 5 is the answer.

Question 7

Four different views of a cube/dice are given as viewed from different angles. Find out the number of dots on the face opposite to the face with one dot.



- A 6
- B 5
- C 4
- D 3

Answer: A

Explanation:

From the first two figures, we find that the side with 1 dot has adjacent sides having '2,3,5' dots.

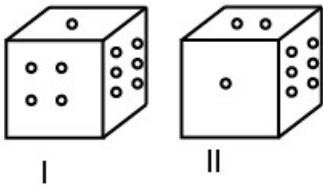
Also, from the last two figures, the side with 6 dots has the same adjacent sides.

Thus, number of dots on the face opposite to the face with one dot = 6

=> Ans - (A)

Question 8

In the diagrams below, faces of dice are shown from two different directions. Which number will be opposite to 4 ?



- A 2
- B 3
- C 1
- D 5

Answer: A

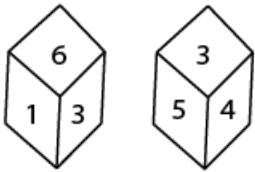
Explanation:

It is clear from the two views of the same dice that from first figure to second figure, the dice has been rotated downward. Therefore, the number 2 lies opposite the number 4.

=> Ans - (A)

Question 9

TWO positions of the same dice are given. Which number will be at the bottom if '4' is at the top?



- A 3
- B 2
- C 6
- D 1

Answer: D

Explanation:

The numbers 1, 6, 4 and 5 are on the adjacent faces of number 3.

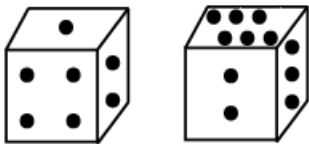
Therefore, the number 2 lies opposite to 3

∴ The number 1 is opposite of 4.

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Question 10

Two positions of a dice are shown below. When there are five dots at the top, how many dots will be at the bottom?



- A 2
- B 6
- C 1
- D 3

Answer: A

Explanation:

2 is common in both the arrangements given to us,

every face of a dice is surrounded by 4 other sides, the only side that does not surround a face is the one opposite to it.

the faces surrounding 2 are - 1,6,4,3

so clearly 5 is opposite to 2 and hence when 5 dots are at the top, 2 will be in the bottom.

therefore answer is option A- 2

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