Book For

Railway Recruitment Board

Dice

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Q. 1 From the positions of a cube are shown below, Which letter will be on the face opposite to face with 'A'?  

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>D</td>
<td>E</td>
<td>F</td>
</tr>
</tbody>
</table>

[A] D  
[B] B  
[C] C  
[D] F  

Answer Option [A]  
Explanation: The letters of the adjacent faces to the face with letter A, are B, F, C and E. Hence D is the letter of the face opposite to the face with letters (A).

Q. 2 From the four positions of a dice given below, find the color which is opposite to yellow?  

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Yellow</td>
<td>Orange</td>
<td>Blue</td>
<td>Red</td>
</tr>
<tr>
<td>Orange</td>
<td>Violet</td>
<td>Red</td>
<td>Yellow</td>
</tr>
<tr>
<td>Blue</td>
<td>Red</td>
<td>Yellow</td>
<td>Rose</td>
</tr>
</tbody>
</table>

[A] Violet  
[B] Red  
[C] Rose  
[D] Blue  

Answer Option [A]  
Explanation: The colours adjacent to yellow are orange, blue, red and rose. Hence violet will be opposite to yellow.

Q. 3 Observe the dots on the dice (one to six dots) in the following figures. How many dots are contained on the face opposite to the containing four dots?  

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
</tr>
</tbody>
</table>

[A] 2  
[B] 3  
[C] 5  
[D] 6  

Answer Option [A]  
Explanation: Here one of the two common faces (5) is in the same position, then according to the rule no (2) the remaining face with the 4 dots will be opposite to face with dots 2.

Q. 4 When the digit 5 is on the bottom then which number will be on its upper surface?  

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

[A] 1  
[B] 3
Q. 5 Two positions of dice are shown below. How many points will be on the top when 2 points are at the bottom?

[A] 6
[B] 5
[C] 4
[D] 1

Answer Option [D]

Explanation: In these 2 positions of a dice, one common face having points 3 is in the same position. Hence according to rule (3), there will be 4 points on the required face.

Q. 6 Two positions of a dice are shown below. When number '1' is on the top. What number will be at the bottom?

[A] 3
[B] 5
[C] 2
[D] 6

Answer Option [B]

Explanation: According to the rule (2) when 'one' is at the top, then 5 will be at the bottom.

Q. 7 Here 4 positions of a cube are shown. Which sign will be opposite to '+'?

[A] %
[B] -
[C] x
[D] $

Answer Option [C]

Explanation: From position I and III common face with % is in the same position. Hence according to rule (3) opposite is X.
Q. 8 Which digit will appear on the face opposite to the face with number 4?

[2 1 3]
[5 6 3]

[A] 3
[B] 5
[C] 6
[D] 2/3

Answer Option [A]

Explanation: Here the common faces with number 3, are in same positions. Hence 6 is opposite to 2 and 5 is opposite to 1. Therefore 4 is opposite to 3.

Q. 9 Two positions of a dice are shown below. Which number will appear on the face opposite to the face with the number 5?

[3 1 5]
[3 2 6]

[A] 2/6
[B] 2
[C] 6
[D] 4

Answer Option [C]

Explanation: According to the rule no. (3), common faces with number 3, are in same positions. Hence the number of the opposite face to face with number 5 will be 6.

Q. 10 Two positions of a dice are shown below. When 3 points are at the bottom, how many points will be at the top?

[● ● ●]
[● ● ●]

[A] 2
[B] 5
[C] 4
[D] 6

Answer Option [C]

Explanation: According to the rule (2) when 3 points are at the bottom then 4 points will be at the top.

Q. 11 Which symbol will be on the face opposite to the face with symbol * ?

[A] @
[B] $
Q. 12 Two positions of a cubical block are shown. When 5 is at the top which number will be at bottom?

[A] 1
[B] 2
[C] 3
[D] 4

Answer Option [C]

Explanation: In these 2 positions one common face with number 3, is in same position. Hence according to rule (3), 1 is opposite to 6 and 4 is opposite to 2. Therefore 5 is opposite to 3.

Q. 13 Which number is on the face opposite to 6?

[A] 4
[B] 1
[C] 2
[D] 3

Answer Option [B]

Explanation: As the numbers 2, 3, 4 and 5 are adjacent to 6. Hence the number on the face opposite to 6 is 1.

Q. 14 How many points will be on the face opposite to the face which contains 3 points?

[A] 2
[B] 4
[C] 5
[D] 6

Answer Option [C]

Explanation: The adjacent faces to the face which 3 points have 2, 1, 4 and 6 points. Hence on the face which is opposite to the face which contains 3 points, there will be 5 points.
Q. 15 Two positions of a cube with its surfaces numbered are shown below. When the surface 4 touch the bottom, what surface will be on the top?

Two positions of a cube with its surfaces numbered 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

Answer Option [A]

Explanation: In these 2 positions one common face with number 1 is in the same position. Hence according to the rule number (3), 2 is opposite 6 and 3 is opposite to 5. Therefore opposite to 4 is 1.

Q. 16 Two positions of dice are shown below. How many points will appear on the opposite to the face containing 5 points?

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

Answer Option [D]

Explanation: In these two positions one of the common face having 1 point is in the same position. Therefore according to rule (2). There will be 4 points on the required face.

Q. 17 Here two positions of dice are shown. If there are two dots in the bottom, then how many dots will be on the top?

Here two positions of dice are shown. 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

Answer Option [C]

Explanation: Here the common faces with 4 dots are in same positions. Hence 2 will be opposite to 5.

Q. 18 How many points will be on the face opposite to in face which contains 2 points?

How many points will be on the face opposite to in face which contains 2 points?
[A]  1
[B]  5
[C]  4
[D]  6

Answer  Option [D]

**Explanation:** In first two positions of dice one common face containing 5 is same. Therefore according to rule no. (3) the face opposite to the face which contains 2 point, will contains 6 points.