

Date : 17th Jan 2024

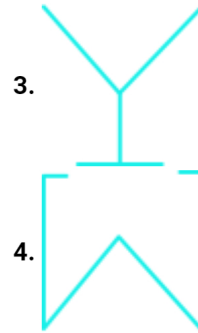
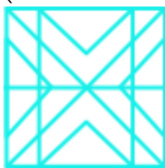
Logical Reasoning - Figure Based

English

Q:1 Select the option in which the given figure is embedded. (Rotation is not allowed)



Q:2 Select the option that is embedded in the given figure (rotation is NOT allowed).

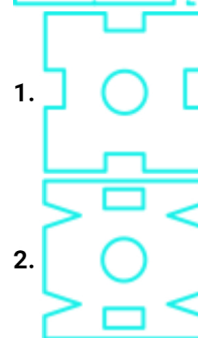


Q:3 A cube is made by folding the sheet. In the cube, so formed what should be the symbol on the opposite side of '+'?



1. #
2. &
3. %
4. \$

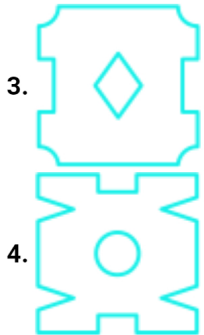
Q:4 The sequence of folding a paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



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Logical Reasoning - Figure Based

English

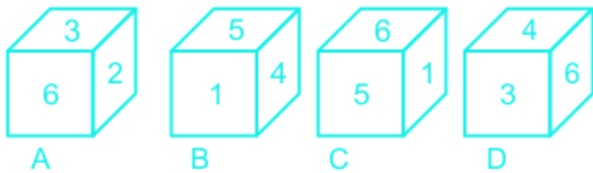
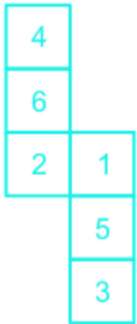


Q:5 Find the mirror image of the given combination.

G7PE593FK

1. K F 3 9 5 E P 7 G
2. K F 3 9 5 E P 7 G
3. K F 3 9 5 E P 7 G
4. K F 3 9 5 E P 7 G

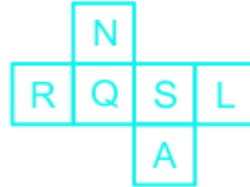
Q:6 Select the dice that can be formed by folding the given sheet along the lines.



1. Only B and C
2. Only C and D
3. Only A, B, and D
4. Only B, C and D

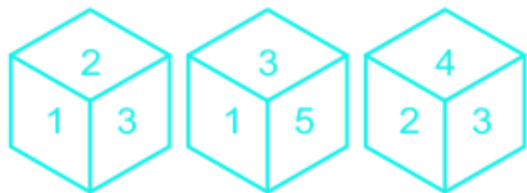
Q:7 A cube is made by folding the given sheet. In the cube so formed, what would be the letter on the opposite

side of 'L'?



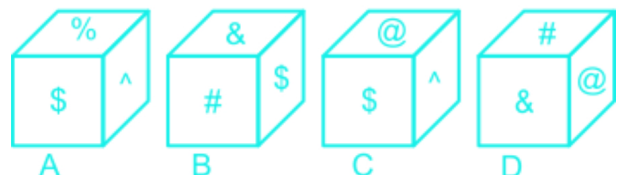
1. Q
2. S
3. R
4. N

Q:8 Three different positions of the same dice are shown. Select the number that will be on the face opposite to the one having 3.



1. 6
2. 5
3. 1
4. 4

Q:9 Select the dice that can be formed by folding the given sheet along the lines.



1. Only B
2. Only B and D
3. Only A, B, and D
4. Only A and C



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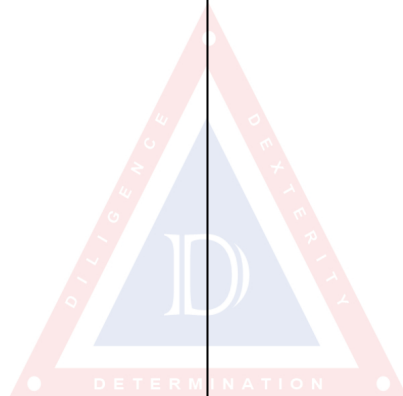
Logical Reasoning - Figure Based

English

Q:10 Which of the following cubes in the answer figure CANNOT be made on the basis of the unfolded cube in the question figure?



1. Only A and C
2. Only B, and C
3. Only B
4. Only C and D



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Logical Reasoning - Figure Based

English

Answer Key

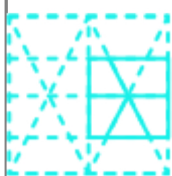
1. (2)	2. (4)	3. (2)	4. (4)	5. (2)
6. (3)	7. (1)	8. (1)	9. (3)	10. (3)

Answers and Solutions

Q:1 The correct answer is **Option 2**

Understanding

The given figure is embedded in option 2 as shown below:

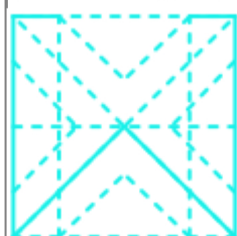


Hence, the correct answer is **option 2**.

Q:2 The correct answer is **Option 4**

Understanding

Option figure 4 is embedded in the question figure, as shown below:



Hence, the correct answer is **option 4**.

Q:3 The correct answer is **Option 2** i.e. &

The pair of opposite sides are as shown below:



Hence, the side opposite to '+' will be '&'.

Hence, the correct answer is &.

Q:4 The correct answer is **Option 4**

Understanding

After unfolding, the paper will appear as follows:



In this type of question, the order of unfolding the paper will be reverse of the order in which it was folded.

Hence, the correct answer is **option 4**.

Q:5 The correct answer is **Option 2**

Understanding

The mirror image of the given figure along the mirror is shown below:



Note: Since the mirror is placed vertically beside the question figure, the image will be formed by inverting the question figure horizontally about the mirror.

That means the left side of the figure will become the right side and vice versa.

Hence, the correct answer is **option 2**.

Q:6 The correct answer is **Option 3**, i.e. **Only A, B, and D**.

When the unfolded dice are folded, the faces opposite to each other are:

- 4 is opposite to 2
- 6 is opposite to 5
- 1 is opposite to 3

The dice C cannot be formed when the given sheet is folded because the opposite faces appear together in

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Logical Reasoning - Figure Based

English

these dice.

So, Only dice A, B, and D can be formed by folding the sheet.

Hence, **Only A, B, and D** is the correct answer.

Q:7 The correct answer is **Option 1** i.e **Q**.

When the sheet is folded to form a dice the opposite pairs formed will be:

R and S

N and A

L and Q

Hence, **Q** is the correct answer.

Q:8 The correct answer is **Option 1** i.e **6**

From the first position of the dice '3' is not opposite to 1 and 2.

From the second position of the dice '3' is not opposite to 1 and 5.

From the third position of the dice '3' is not opposite to 2 and 4.

Thus '3' is opposite to the remaining face i.e. 6.

Hence, **6** is the correct answer.

Q:9 The correct answer is **Option 3**, i.e. **Only A, B, and D**.

Understanding

When the unfolded dice are folded, the faces opposite to each other is:

@ is the opposite of \$

is opposite of %

^ is opposite of &

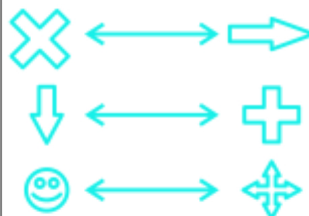
The dice C cannot be formed when the given sheet is folded because the opposite faces appear together in these dice.

Only dice A, B, and D can be formed by folding the sheet.

Hence, **Only A, B, and D** is the correct answer.

Understanding

When the unfolded dice is folded, the faces opposite to each other is:



The dice B cannot be formed when the given sheet is folded because the opposite faces appear together in these dice.

Hence, **Only B** is the correct answer.