SNS COLLEGE OF TECHNOLOGY

An Autonomous Institution
Coimbatore-35

DEPARTMENT OF BIOMEDICAL ENGINEERING

VQAR-VERBAL QUANTITATIVE APTITUDE REASONING

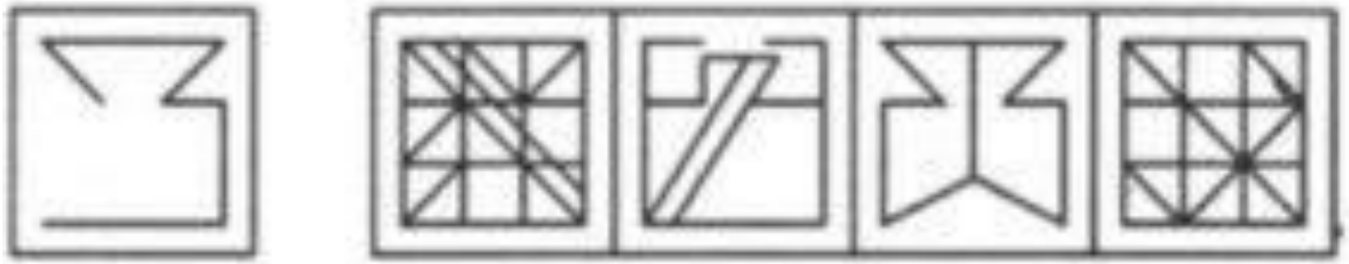
IIYEAR/ IV SEMESTER

1

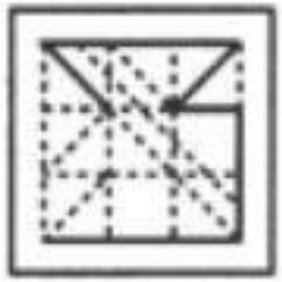
UNIT 4 –NON- VERBAL REASONING

TOPIC 3 -EMBEDDED IMAGE, CUBES AND DICES

EMBEDDED IMAGE

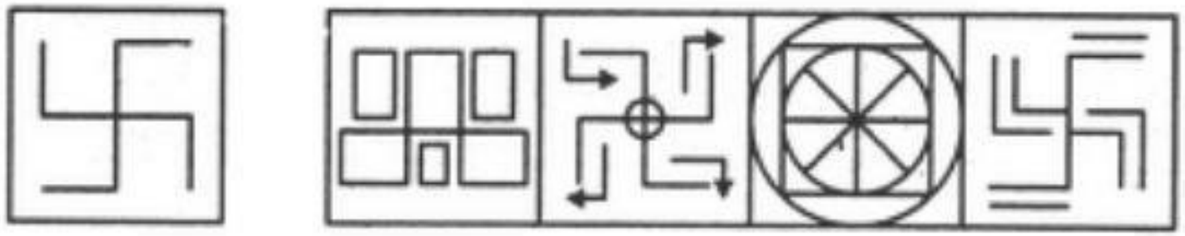


ANSWER



EMBEDDED IMAGE

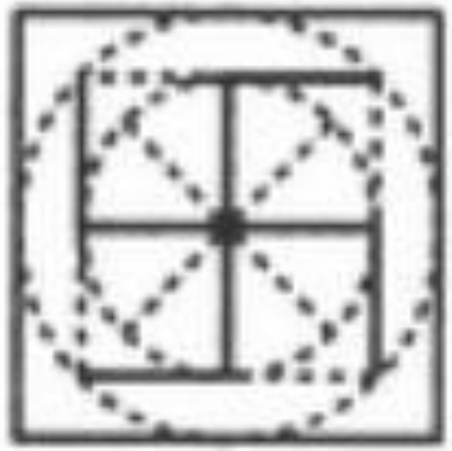
Can you find the figure out of the following group, that contains the figure X?



(X) (1) (2) (3) (4)

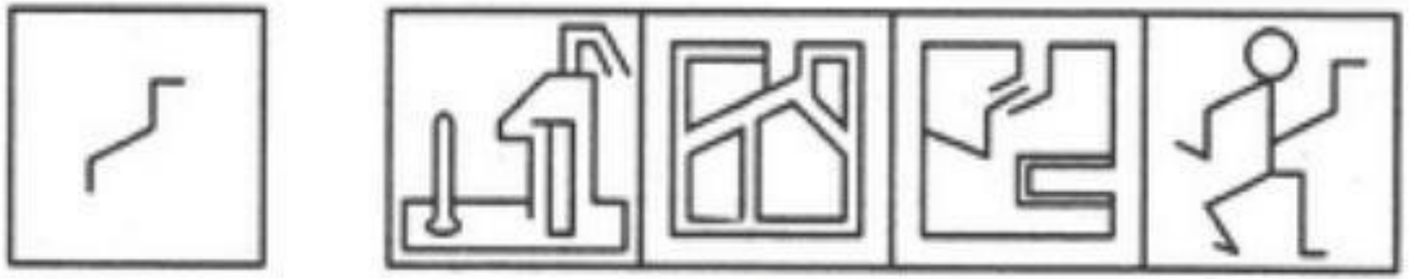
EMBEDDED IMAGE

Answer:



EMBEDDED IMAGE

There are five figures given below. One of them is titled X. Find an image that when overlapped with the image labelled X doesn't change at all?



Answer: 4

CUBE AND DICE REASONING

Reference: https://cache.careers360.mobi/media/article_images/2019/7/12/Cube-and-Dice.jpg

CUBE AND DICE REASONING

Tip # 1: In a cube we find Length = width = height. Altogether there are six surfaces, twelve edges and eight corners

Tip # 2: Cuboid = in a cuboid length and breadth is not as same as its height. Tip

 # 3: Types of dice are Ordinary Dice and Standard Dice

Tip # 4: It is a regular cube with its six sides numbered with dots from 1 to 6 with opposite sides adding up to 7.

Tip # 5: In standard dice, always “6 is opposite to 1”, “5 is opposite to 2” and “4 is opposite to 3”.

Tip # 6: In ordinary dice, Sum of any two number of the adjacent surface is = 7

CUBE AND DICE REASONING

Question 1: What number will be opposite to 2?

Solution: It is a standard dice as no of any adjacent sides are 7. As, standard dice, opposite no. of 2 will be

6 ↔ 1

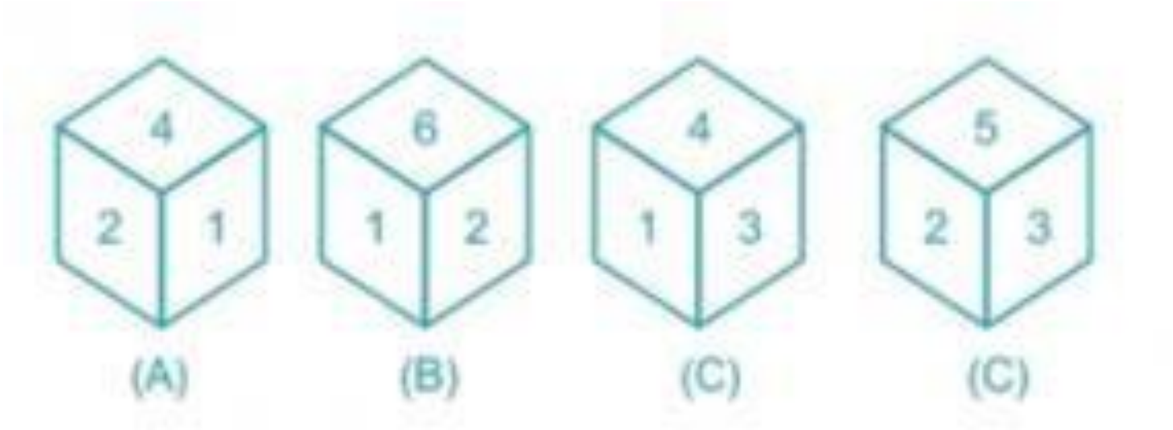
5 ↔ 2

4 ↔ 3

Ans is 5, (sum of opposite side is 7)

CUBE AND DICE REASONING

WHAT IS THE EXAMPLE OF A STANDARD DICE?



Solution: As per definition of standard dice, any of the two opposite faces of dice must be 7.

So, only in dice A the sum of two adjacent faces is 7.

Hence, the correct answer is A.


THANK
YOU!