# SNS COLLEGE OF TECHNOLOGY

**Coimbatore-35**
**An Autonomous Institution**

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A+' Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

## VQAR-VERBAL QUANTITATIVE APTITUDE REASONING

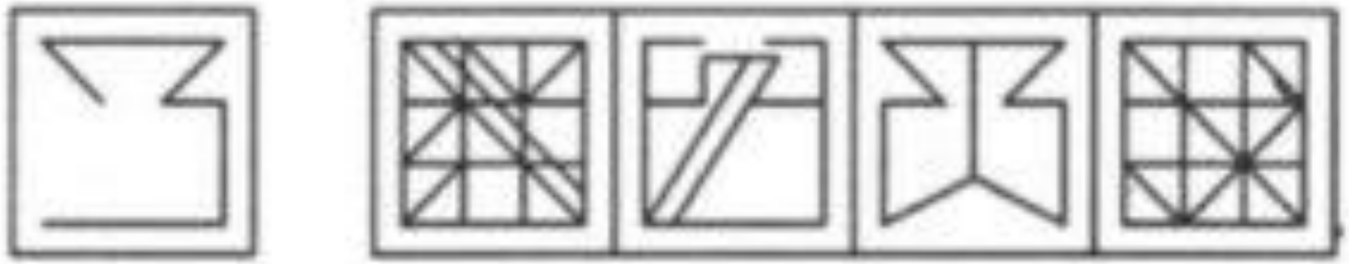
IIYEAR/ IV SEMESTER

1

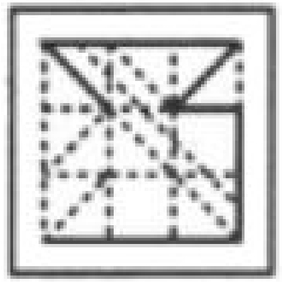
## UNIT 4 –NON- VERBAL REASONING

## TOPIC 3 -EMBEDDED IMAGE, CUBES AND DICES

# EMBEDDED IMAGE

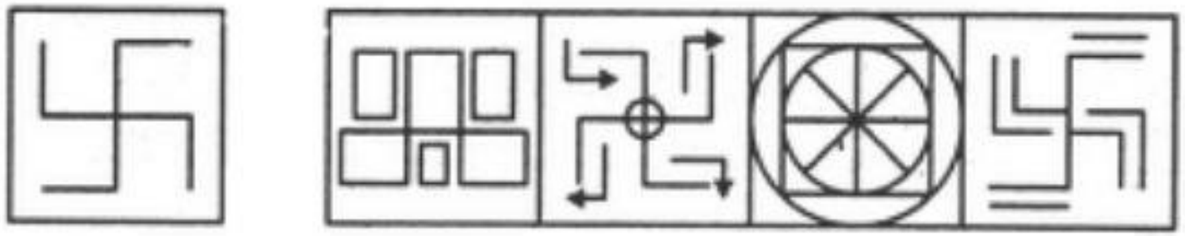



**ANSWER**



# EMBEDDED IMAGE

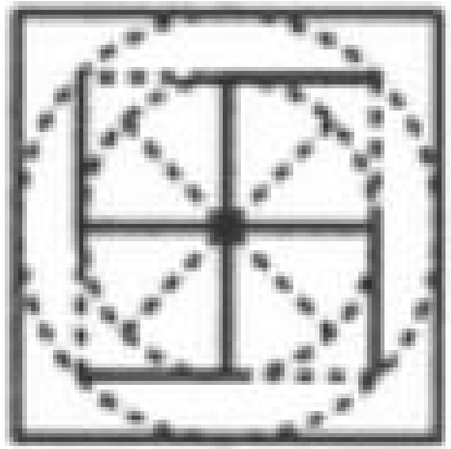
Can you find the figure out of the following group, that contains the figure X?



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

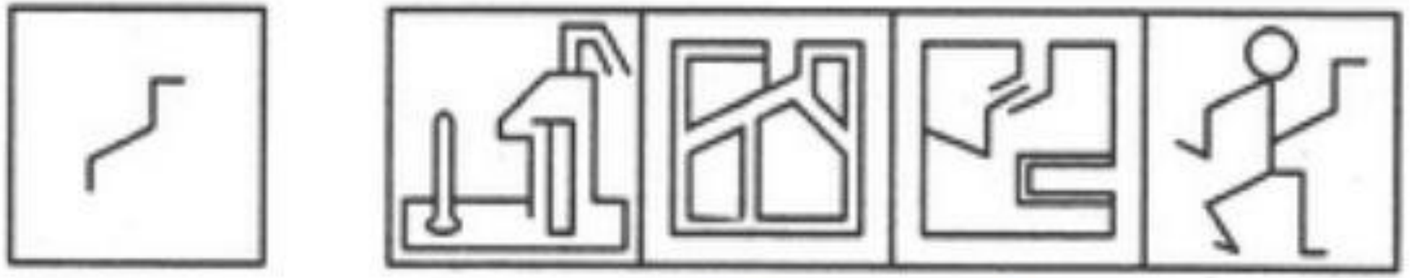
# EMBEDDED IMAGE

**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.**

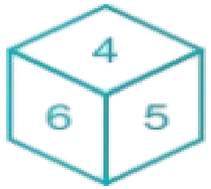
**Tip # 5: In standard dice, always “6 is opposite to 1”, “5 is opposite to 2” and “4 is opposite to 3”.**

**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**

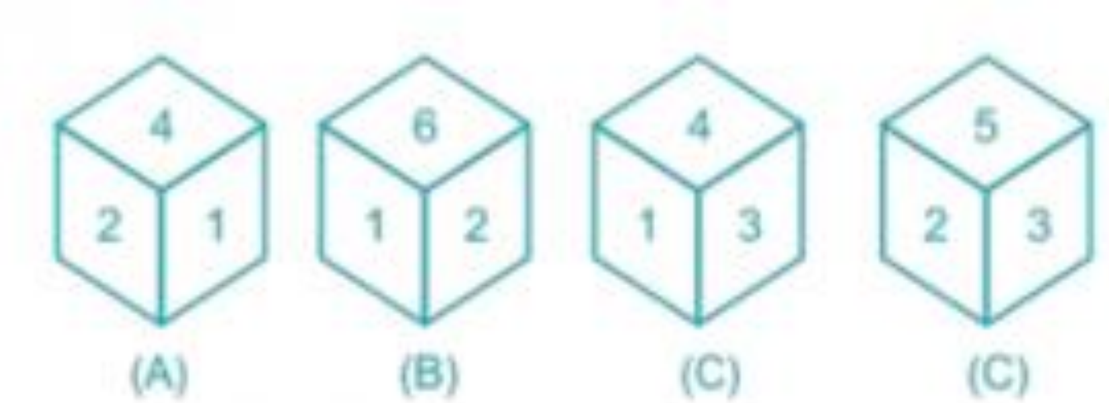
**5 ↔ 2**

**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!