

CSAT

CSAT SYLLABUS

	MATHS	REASONING	READING COMPREHENSION
Average	25-30 Q`s	20-25 Q`s	25-30 Q`s
2020	42 Q`s	13 Q`s	25 Q`s

REASONING (GMA, AR, LR)

SL. NO.	SESSION NAME	SESSION DETAILS
1	Reas-1	Series & Coding-Decoding
2	Reas-2	Blood Relation & Direction
3	Reas-3	Clock & Calendar
4	Reas-4	Dice & Cubes
5	Reas-5	Application of Sets
6	Reas-6	Sitting Arrangement & Ranking
7	Reas-7	Puzzles (Table Formation)
		Analytical Reasoning
8	Reas-8	(No. of Triangles, Squares, Rectangles)
9	Reas-9	Non-Verbal Reasoning
10	Reas-10	Syllogism
11	Reas-11	Statement- Assumption , Strong & Weak Argument
12	Reas-12	Course of Action , Cause & Effect

MATHS (BASIC NUMERACY)

SL NO.	SESSION NAME	SESSION DETAILS
1.	M-1	NUMBER SYSTEM Part-1
2.	M-2	NUMBER SYSTEM Part-2
3.	M-3	LCM & HCF
4.	M-4	Percentage
5.	M-5	Profit-Loss & Discount
6.	M-6	Ratio & Proportion
7.	M-7	Average & Age
8.	M-8	DI &
9.	M-9	Time, Speed & Distance
10	M-10	Time & Work
11	M-11	Mensuration
12	M-12	Permutation & Combination
13	M-13	Probability

CUBE & DICE

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1-4Q: All the faces of a big cube are painted black. The edge of this cube is 5cm. The cube is cut into smaller cubes with edge 1cm.

1Q: How many cubes have three faces painted?

- a) 10
- b) 8
- c) 9
- d) 5

2Q: How many cubes have two face painted ?

- a) 9
- b) 8
- c) 36
- d) 50

3Q: How many cubes have only one face painted?

- a) 9
- b) 8
- c) 36
- d) 54

4Q: How many cubes don't have any face painted?

- a) 12
- b) 36
- c) 16
- d) 27

5-7Q: There is a cube in which one pair of opposite faces is painted black; the second pair of opposite faces is painted white and the third pair of opposite faces is painted green. The cube is now cut into 64 smaller identical cubes.

5Q: How many small cubes will there be with no green paint at all ?

- a) 10 b) 8 c) 16 d) 32

6Q: How many small cubes will there be with only one face painted black ?

- a) 32 b) 8 c) 6 d) 5

7Q: How many small cubes will there be with both black and green or both white and green on their faces ?

- a)10 b) 18 c) 24 d)32

8-11Q: All the six faces of a cube are painted with different colours. The colour opposite to red is green; opposite to black is white and opposite to pink is yellow. Finally it is cut into 27 equal small cubes.

8Q: How many small cubes painted with white only?

- a) 10
- b) 1
- c) 6
- d) 5

9Q: Cubes having atleast two face coloured?

- a) 20
- b) 48
- c) 56
- d) 50

10Q: How many cubes have one face painted with green or black ?

- a) 10
- b) 15
- c) 12
- d) 18

11Q: How many cubes don't have any face black coloured ?

- a) 10
- b) 18
- c) 60
- d) 15

CSAT-2017

12Q: The outer surface of a 4 cm x 4 cm x 4 cm cube is painted completely in red. It is sliced parallel to the faces to yield sixty four 1 cm x 1 cm x 1 cm small cubes. How many small cubes do not have painted faces?

- (a) 8
- (b) 16
- (c) 24
- (d) 36

CSAT-2016

13Q: A cube has all its faces painted with different colours. It is cut into smaller cubes of equal sizes such that the side of the small cube is one-fourth the big cube. The number of small cubes with only one of the sides painted is:

- (a) 32**
- (b) 24**
- (c) 16**
- (d) 8**

14Q: Each of the six different faces of a cube has been coated with a different colour i.e., V, I, B, G, Y and O. Following information is given:

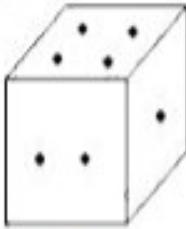
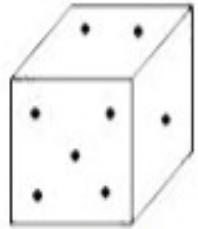
1. Colours Y, O and B are on adjacent faces.
2. Colours I, G and Y are on adjacent faces.
3. Colours B, G and Y are on adjacent faces.
4. Colours O, V and B are on adjacent faces.

Which is the colour of the face opposite to the face coloured with O?

- (a) B
- (b) V
- (c) G
- (d) I

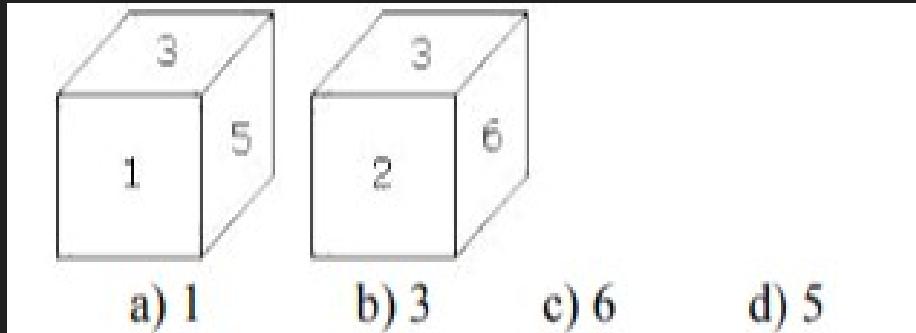
DICE

15Q: Two positions of dice are shown below. How many points will appear on the opposite to the face containing 5 points?

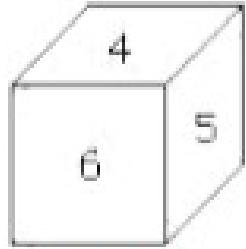
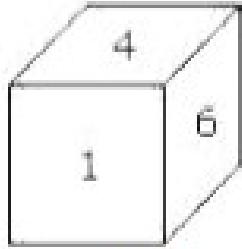


- a) 4
- b) 2
- c) 6
- d) 3

16Q: Which digit will appear on the face opposite to the face with number 4?

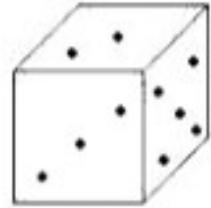


**17Q: Two positions of a dice are shown below.
When number '1' is on the top. What number will be
at the bottom?**

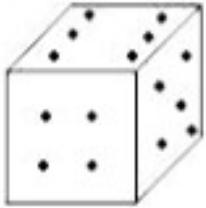


- a) 2
- b) 3
- c) 6
- d) 5

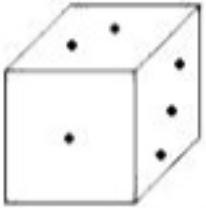
18Q: How many points will be on the face opposite to in face which contains 2 points?



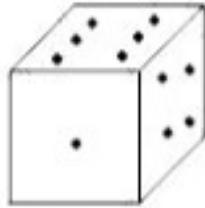
a) 1



b) 3

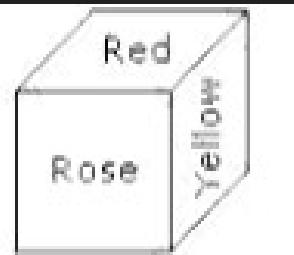
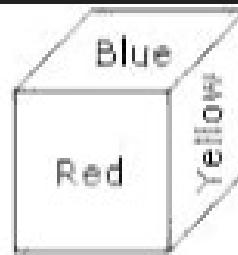
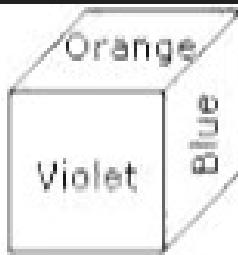
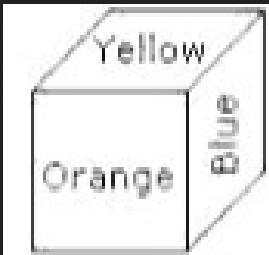


c) 6



d) None

**19Q: From the four positions of a dice given below,
find the color which is opposite to yellow ?**



- a) Blue
- b) Violet
- c) Red
- d) None



(I)



(II)



(III)



(IV)

20Q: What is the symbol on the face
opposite to that containing a single dot?

21Q: What is the symbol on the face
opposite to that containing two dots?

22Q: What is the symbol on the face
opposite to that containing the cross?

