

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

NUMBER SYSTEM

- Types of Numbers
- Multiplication & Squares
- Division
- Unit Digit
- No. of Zeros

Types of Numbers

1Q: A factory produces 2000 bulbs each day. How many bulbs that factory will produce in the month of february 2100 if sunday is holiday?

- a) 48000 b) 50000 c) 60000 d) 62000**

**2Q: In a freezer, the temperature falls by 2 degree celsius every five minutes.
In how much time water kept at 36degree celsius will freeze into ice?**

- a) 90 Minutes b) 60 Minutes c) 40 Minutes d) 30 Minutes**

3Q: A man buys 5 Cigarettes a day for 25 days. He keeps the stubs. From 5 stubs he made a new Cigarette. How many Cigarettes does he smoke during this period?

- (a) 136
- (b) 150
- (c) 156
- (d) 160

**4Q: Every minute bacteria gets double in a test tube. It was full in 1 hour.
When was it one-eighth full?
(a) 56 minute (b) 57 minute (c) 58 minute (d) 59 minute**

5Q: How many 7's are there in first 100 natural numbers?

- a) 11
- b) 19
- c) 20
- d) 21

6Q: How many 0's are there in first 200 natural numbers?

- a) 9
- b) 11
- c) 22
- d) 31

CSAT-2019

7Q: The number of times the digit 5 will appear while writing the integers from 1 to 1000 is:

- (a) 269
- (b) 271
- (c) 300
- (d) 302

8Q: How many digits are required to mark a note book containing 150 pages?

- a) 9
- b) 91
- c) 50
- d) None of these

CSAT-2019

**9Q: A printer numbers the pages of
a book starting with 1 and uses 3089
digits in all. How many pages does
the book have ?**

- (a) 1040 (b) 1048**
- (c) 1049 (d) 1050**

CSAT-2019

**10Q: How many triplets (x, y, z)
satisfy the equation $x + y + z = 6$,
where x, y and z are natural numbers?**

- (a) 4 (b) 5 (c) 9 (d) 10**

Multiplication and Squares

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11Q: A student has to multiply a number by 34, by mistake he reads 8 instead of 3 and multiply the number by 84. Due to this his answer comes 5600 more than the correct answer. Find the number.

- a) 110
- b) 111
- c) 112
- d) 113

12Q: In a Square grid of k rows and k columns, the outer most layer of the unit-squares is removed. which of the following can be the number of the remaining square units?

(a) 356 (b) 371 (c) 484 (d) 500

13Q: The product of 3 brother's age is 175. Two are twins. Find the sum of their ages.

- (a) 20
- (b) 17
- (c) 15
- (d) 12

CSAT-2015

14Q: If $ABC \times DEED = ABCABC$;
where A, B, C, D and E are different

digits, what are the values of D and E ?

- a) D = 0, E= 0
- b) D = 0, E = 1
- c) D = 1, E = 0
- d) D = 1, E = 2

UPSC - 1995

15Q: Evaluate :

$$(a-m) \times (b-m) \times (c-m) \times \dots \times (z-m) =$$

- a) 0
- b) 1
- c) 2
- d) Can't be determine

