

**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)**

<b>SL NO.</b>	<b>SESSION NAME</b>	<b>SESSION DETAILS</b>
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)  $D = 1, E = 2$

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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



