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

DIVISION

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: 16Q: If 123C56 is divisible by 11, then find the value of C.

a) 3 b) 1 c) 5 d)2

DIVISION

17Q: If 41317B27 is divisible by 9, then find possible value of B.

a) 2 b) 1 c) 5 d)6

DIVISION

18Q: If 9241A536 is divisible by 3, then how many value of A are possible?

a) 3 b) 1 c) 4 d)5

DIVISION

19Q: How many numbers from 408 to 800 are there which are divisible by 12 ?

a) 33 b) 32 c) 66 d)35

DIVISION

20Q: How many numbers between 450 to 885 are there which are divisible by 15 ?

a) 23 b) 10 c) 29 d)31

DIVISION

21Q: How many three digit numbers are there which are divisible by both 20 and 25 ?

a) 9 b) 90 c) 25 d)None

DIVISION

22Q: How many numbers from 1 to 1000 are there which are divisible by either 20 or 25 ?

a) 23 b) 90 c) 85 d)80

DIVISION

23Q: In a division operation, the divisor is 5 times the quotient and twice the remainder. If the remainder is 15, then what is the dividend?

(a) 175 (b)185 (c) 195 (d) 250

DIVISION

24Q: There are 900 three digit numbers .The sum of the three digit number is subtracted from the number itself. The resulting number is always:

a) divisible by 4 b) divisible by 6 c) divisible by 7 d) divisible by 9

CSAT QUESTIONS

DIVISION

CSAT- 2020

25Q: How many integers are there between 1 and 100 which have 4 as a digit but are not divisible by 4?

(a) 5 (b) 11 (c) 12 (d) 13

DIVISION

CSAT- 2020

26Q: A digit $n > 3$ is divisible by 3 but not divisible by 6. Which one of the following is divisible by 4?

(a) 2n (b) 3n (c) 2n + 4 (d) 3n + 1

DIVISION

CSAT- 2020

27Q: An 8-digit number 4252746B leaves remainder 0 when divided by 3. How many values of B are possible?

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

DIVISION

CSAT- 2020

28Q: Let XYZ be a three-digit number, where (X + Y + Z) is not a multiple of 3. Then (XYZ + YZX + ZXY) is not divisible by

(a) 3 (b) 9 (c) 37 (d) (X + Y + Z)

DIVISION

CSAT- 2017

29Q: A 2-digit number is reversed. The larger of the two numbers is divided by it smaller one. What is the largest possible remainder?

(a) 9 (b) 27 (c) 36 (d) 45

CSAT- 2017

30Q: Certain 3-digit numbers have the following characteristics:

1. all the three digits are different.
2. the number is divisible by 7.
3. the number on reversing the digits is also divisible by 7.

How many such 3-digit numbers are there?

(a) 2 (b) 4 (c) 6 (d) 8

UNIT DIGIT

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31Q: Find unit digit of : 712 x 437 x 618 x 279

32Q: Find unit digit of : $31^{37} + 25^{23}$

33Q: Find unit digit of : $655^{273} \times 281^{238} \times 556^{2009}$

34Q: Find unit digit of : 124^{46}

35Q: Find unit digit of : 528^{300}

36Q: Find unit digit of : $54^{40} \times 69^{48} \times 78^{12}$

37Q: Find unit digit of : 1! + 2! + 3! + 4! + ……+ 199!

38Q: Find unit digit of : $1!^{1!} + 2!^{2!} + 3!^{3!} + 4!^{4!} + 5!^{5!}$

Number of Zeros in the end

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39Q:Find number of zeros in the expression:

1 x 2 x 3 x 4 x.....20

40Q: Find number of zeros in the expression:

1 x 2 x 3 x 4 x.....50

41Q: Find number of zeros in the expression:

1 x 2 x 3 x 4 x.....100

42Q: Find number of zeros in 200!

43Q:

Find no. of zeros in $(45^{50} \times 20^{25})$.

44Q: Find no. of zeros in $(55^{25} \times 27^{215})$.

CSAT QUESTIONS

CSAT-2020 : 45Q: How many zeroes are there at the end of the following product?

1 x 5 x 10 x 15 x 20 x 25 x 30 x 35 x 40 x 45 x 50 x 55 x 60

(a) 10 (b) 12 (c) 14 (d) 15

CSAT-2020 : 46Q : What is the remainder when 51 x 27 x 35 x 62 x 75 is divided by 100?

(a) 50 (b) 25 (c) 5 (d) 1