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)
8	Reas-8	Analytical Reasoning (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

PERCENTAGE

PERCENTAGE

* Basics of Percentage
* Important Concepts
* Successive percentage change
* CSAT Questions

BASICS OF PERCENTAGE

Important Concepts

* Concept-1: Fraction as percentage
* Concept-2: Comparison using percentage
* Concept-3: Successive percentage change

Concept-1   (Fraction as Percentage)

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1Q: If a % of a + b % of b = 2 % of ab, then a is what percent of b?

   (a) 125%   (b) 60%   (c) 75%   (d) 100%

Concept-1 (Fraction as Percentage)

2Q: Find the number which exceeds 16 % of it by 42?

    (a) 50   (b) 60   (c) 70   (d) 80

Concept-1   (Fraction as Percentage)

3Q: If P% of P is equal to P, then find the value of 62.5% of P.

Concept-1   (Fraction as Percentage)

4Q: A student has to get 40% marks to pass in an examination. Suppose he gets 30 marks and fails by 30 marks, then what are the maximum marks in the examination?

a)100   (b) 120   (c) 150   (d) 300

Concept-2 (Comparison using percentage)

Concept-2 (Fraction as Percentage)

5Q: If P is four times more than Q, then Q is what % less than P ?

Concept-2   (Fraction as Percentage)

6Q: Two numbers X and Y are respectively 20% and 28% less than a third number Z. By what % is the number Y less than the number X?

    (a) 12%   (b)10%   (c) 9%   (d)2.5%

Concept-3 (Successive percentage change)

Concept-3   (Successive percentage change)

7Q: A gardener increased the area of his rectangular garden by increasing its length by 40% and decreasing its breadth by 20%. The area of the new garden:

   (a) increased by 20%   (b) increased by 12%

   (c) increased by 8%   (d) no change

Concept-3   (Successive percentage change)

8Q: Length of a rectangle is increased by 25%. What percent width should be decreased so that area of rectangle does not change?

    (a) 5   (b) 7.5   (c) 10   (d) 20

Concept-3   (Successive percentage change)

9Q: The number of seats in a cinema hall is increased by 25%. The cost of each ticket is also increased by 20%. Find the percentage change in the collection of revenue.

a)30%   (b) 40%   (c) 50%   (d)60%

CSAT QUESTIONS

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10Q:In adult population of a city, 40% men and 30% women are married. What is the percentage of married adult population if no man marries more than one woman and no woman marries more than one man; and there are no widows and widowers?

(a) 33.14 %

(b) 34%

 (c) 34.28%

 (d) 35%

CSAT QUESTIONS

11Q: A and B are two heavy steel blocks. If B is placed on the top of A, the weight increases by 60%. How much weight will reduce with respect to the total weight of A and B, if B is removed from the top of A?

(a) 60%   (b) 45.5%   (c) 40%   (d) 37.5%

CSAT QUESTIONS

12Q: All members of a club went to Mumbai and stayed in a hotel. On the first day, 80% went for shopping and 50% went for sightseeing, whereas 10% took rest in the hotel. Which of the following conclusion(s) can be drawn from the above data?

1. 40% members went for shopping as well as sightseeing.

2. 20% members went for only shopping.

Select the correct answer using the code given below:

 (a) 1 only   (b) 2 only
 (c) Both 1 and 2   (d) Neither 1 nor 2

CSAT-2017

13Q: If there is a policy that 1/3rd of population of a community has migrated every year from one place, to some other place, what is the left over population of that community after the sixth year, if there is no further growth in the population during this period?

   (a) 16/243rd part of the population   (b) 32/243rd part of the population

   (c) 32/729th part of the population   (d) 64/729th part of the population

CSAT-2017

14Q: P = (40% of A) + (65% of B) and Q = (50% of A + (50% of B),
where A is greater than B. In this context, which of the following statements is correct?
(a) P is greater than Q.
(b) Q is greater than P.
(c) P is equal to Q.
(d) None of the above
    can be concluded
    with certainty.

CSAT-2017

15Q: In a city, 12% of households earn less than Rs. 30,000 per year, 6% households earn more than Rs. 2,00,000 per year, 22% households earn more than Rs. 1,00,000 per year and 990 households earn between Rs. 30,000 and Rs. 1,00,000 per year. How many households earn between Rs. 1,00,000 and Rs. 2,00,000 per year?

  (a) 250
  (b) 240
  (c) 230
  (d) 225

CSAT-2011

16Q: In a group of persons, 70% of the persons are male and 30% of the persons are married. If two-sevenths of the males are married, what fraction of the females is single?

    (a) 2/7   (b) 1/3   (c) 3/7   (d) 2/3