CSAT

CSAT SYLLABUS

	MATHS	REASONING	READING COMPREHENSION
Average	25-30 Q`s	20-25 Q`s	25-30 Q`s
2020	35 Q`s	15 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

RATIO & AVERAGE

RATIO & AVERAGE

* RATIO
* PROPORTION
* AVERAGE

RATIO

1Q: Rs. 738 is divided among A, B and C so that their shares are in the ratio of 2:3:4. B's shares is:-

(a) Rs. 328
(b) Rs. 264
(c) Rs. 246
(d) Rs. 164

2Q: Rs. 180 contained in a box consists of Rs.1, 50 paise and 25 paise coins in the ratio 2:3:4. What is the number of 50 paise coins?

(a)   60

(b)   120

(c)   150

(d)   180

3Q: From each of the two given unequal numbers, half the smaller number is subtracted. Then, of the resulting numbers the larger one is five times than the smaller one. Then the ratio of the larger to smaller one is:-

(a)   2:1
(b)   3:2
(c)   3:1
(d)   1:4

4Q: Radhika purchased one dozen bangles one day she slipped on the floor and fell down. What cannot be the ratio of broken to unbroken bangles:-
(a) 1:2
(b) 1:3
(c) 2:3
(d) 1:5

5Q: Same quantity of rice is required for each member of a family of 15 member on a particular day, due to the absence of some members of the family, the consumption of rice was reduced in the ratio 5:3. The number of members absent on that day was:-

(a) 3
(b) 6
(c) 8
(d) 9

6Q: The ratio of the first and second class train fares between two station is 3:1 and that of the number of passengers travelling between the two station by first and second classes is 1:50. If on a particular day, Rs. 13250 are collected from passengers .Find the amount collected from second class passengers is:

(a) Rs. 12500
(b) Rs. 10000
(c) Rs. 8500
(d) Rs. 7500

PROPORTION

7Q: The number of tickets sold for a show is directly proportional to the cost per ticket. When the cost per ticket is 42 and tickets sold are 1260. How many tickets can be sold if the cost per ticket is Rs. 56.

(a) 1120

(b) 1680

(c) 1890

(d) 945

8Q: The time period of a pendulum varies directly with the square root of the length of the pendulum and inversely as the acceleration due to gravity. If the length of the pendulum is made four times the original and the acceleration due to gravity is halved, then what is the ratio of the time periods of the pendulum in the two cases?

a) 1: 1

b) 1: 4

c) 1: 16

d) 1: 8

Average

9Q: The average of five numbers is 18. After reducing one of the number, the average of numbers left is 16. Find the number reduced.

a) 26

b) 27

c) 28

d) 30

10Q: The average of the numbers of marks of 75 students in an exam. is 31. If the average of the marks of the passing students is 35 and the average marks of the failed students is 25, then find the number of students passed.

a) 40

b) 45

c) 50

d) 55

11Q: The average of the marks obtained by 30 students is 170. Afterwards it was found that one of the marks were written as 120 instead of 140. Find the correct average.

a) 169
b) 170
c) 170.67
d) 171.67

12Q: The average of 11 result is 72. If the average of first six result is 70 and the average of the last six result is 74, then find the sixth result.

a) 72

b) 71

c) 73

d) 68

13Q: The balling average of a cricketer is 12.4. In his last match he took 5 wickets after giving 26 runs and then his average decreases by 0.2. How many wickets taken by him before last match?
a) 125
b) 150
c) 175
d) 200

14Q: The average number of errors per page in a 512 page books 4 errors per page. If there are 998 errors in the first 302 pages, then what is the average error per page in the rest of the pages?
a) 3
b) 4
c) 5
d) 6

15Q: The average age of A and B is 20 years, the average age of B and C is 19yrs and the average age of A and C is 21. What is the age of B.

a) 15yrs

b) 18yrs

c) 20yrs

d) 17yrs

CSAT QUESTIONS

16Q: The average age of a teacher and three students in 20 years. If all the three students are of same age and the difference between the age of the teachers and each student is 20 years, then what is the age of the teacher?
(a) 25 years
(b) 30 years
(c) 35 years
(d) 45 years

CSAT-2020

17Q: In a class, there are three groups A, B and C. If one student from group A and two students from group B are shifted to group C, then what happens to the average weight of the students of the class?

(a) It increases.

(b) In decreases.

(c) It remains the same.

(d) No conclusion can be drawn due to insufficient data.

18Q: The average score of a batsman after his 50th innings was 46.4.
After 60th innings, his average score increases by 2.6. What was his average score in the last ten innings?
 (a) 122
 (b) 91
 (c) 62
 (d) 49

CSAT-2019

19Q: Ena was born 4 years after her parents' marriage. Her mother is three years younger than her father and 24 years older than Ena, who is 13 years old. At what age did Ena's father get married?

(a) 22 years

(b) 23 years

(c) 24 years

(d) 25 years

CSAT-2019

20Q: The average marks of 100 students are given to be 40. It was found later that marks of one student were 53 which were misread as 83. The corrected mean marks are

(a) 39
(b) 39.7
(c) 40
(d) 40.3

CSAT-2017

21Q: The average rainfall in a city for the first four days was recorded to be 0.40 inch. The rainfall on the last two days was in the ratio of 4: 3. The average of six days was 0.50 inch. What was the rainfall on the fifth day?

(a) 0.60 inch

(b) 0.70 inch

(c) 0.80 inch

(d) 0.90 inch

22Q: There is a milk sample with 50% water in it. If 1/3rd of this milk is added to equal amount of pure milk, then water in the new mixture will fall down to
 a) 25%
 b) 30%
 c) 35%
 d) 40%

23Q: The age of Mr. X last year was the square of a number and it would be the cube of a number next year. What is the least number of years he must wait for his age to become the cube of a number again?

(a) 42

(b) 38

(c) 25

(d) 16