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

Time, Speed , Distance & Work

Time, Speed , Distance & Work

* Basics of TSD
* Average Speed
* Relative Speed
* Circular Motion
* Man, Days, Time & Work
* 1 Unit of work

Basics of TSD

Average Speed

Relative Speed

1Q: Two trains of length 140 m and 120 m long are running at the speed of 64 km/hr and 28 km/hr respectively in the same direction on parallel tracks. How many seconds will they take to pass each other?

a) 30 sec
b) 26 sec
c) 40 sec
d) 25 sec

2Q: Two trains of same length are running in parallel tracks in opposite directions with speed 80 m/s and 100 m/s respectively. They cross each other in 2 second. Find the length of the train.

a) 90 m
b) 120 m
c) 150 m
d) 180 m

3Q: A thief running at 8 km/hr is chased by a policeman whose speed is 10 km/hr. If the thief is 100 m ahead of the policeman, then the time required for the policeman to catch the thief will be:

a) 2 min

b) 3min

c) 4 min

d) 6 min

4Q: One-third of a certain journey is covered at the rate of 40 km/h, one-fourth at the rate of 30 km/h and the rest at 50 km/h. The average speed for the whole journey is

a) 50 km/h
b) 35 km/h
c) 40 km/h
d) 45 km/h

5Q: Shyam goes to his office by scooter at a speed of 25 km/h and reaches 7 min earlier. If he goes at a speed of 20 km/h, he reaches 5 min late. The distance of his office is

a) 25 km

b) 20 km

c) 30 km

d) 40 km

6Q: Walking 5/7th of his usual speed, a man is 14 min late. The usual time taken by him to cover that distance is

a) 49 min

b) 60 min

c) 35 min

d) 80 min

7Q: A person can walk a certain distance and drive back in six hours. He can also walk both ways in 10 hours. How much time will he take to drive both ways?

a) 2 hrs

b) 2.5 hrs

c) 5.5 hrs

d) 4 hrs.

Circular Motion

Man, Days, Time & Workdone

8Q: If 72 people can build a 280 metre wall in 21 days working 8 hours a day, then how many people are required to build a 100 metre wall in 18 days working 6 hours a day?

a)30

b)35

c)40

d)45

9Q: 8 person can plant 20 trees in 10 days. How many persons can plant 30 trees in 5 days?

a)30

b)24

c)45

d)None

10Q: 3 males or 4 females can complete a work in 43 days. In how many days 7 males and 5 females can complete the same work?

a)12

b)10

c)8

d)15

11Q: 117 people are employed for working to complete a contract in 46 days. Each person works 8 hours a day and 4/7th work is completed in 33 days. How many more people should be employed for work if each person work for 9 hours a day?

a)85

b)80

c)81

d)90

1 Unit of Work

12Q: P,Q, and R can do a work in 24, 6, and 12 days respectively. In how many days work will be completed If they work together?

a) 7/24

b) 24/7

c) 11/24

d) 24/11

13Q: A can do a work in 12 days and B in 18days. After working two days together, A left the work. How much time taken by B to complete the remaining work?

a)10

b)12

c)15

d)13

14Q: Manav and Budhiman take a contract to complete a work in Rs. 4500. Manav alone complete the same work in 8 days and Budhiman alone complete the same work 12 day. With the help of Sanskar they together finished the work in 4 days. What is the share of Sanskar?

a)Rs750

b)Rs500

c)Rs1000

d)Rs1200

15Q: Pipe P can fill a tank in 8 hours and cleaning pipe can empty the tank in 12 hours. If both the pipes are opened, then in how many hours the tank will be completely full?

a)16

b)18

c)23

d)24

16Q: A tank is generally filled in 8 hours but due to a leakage in the bottom it takes 2 hour more. If tank is completely full, then in how many hours leakage can empty the tank?

a)20

b)30

c)40

d)50

CSAT QUESTIONS

CSAT-2020

17Q: A car travels from a place X to place Y at an average speed of V km/hr, from Y to X at an average speed of 2v km/hr, again from X to Y at an average speed of 3v km/hr and again from Y to X at an average speed of 4v km/hr. Then the average speed of the car for the entire journey

(a) is less than v km/hr

(b) lies between v and 2v km/hr

(c) lies between 2v and 3v km/hr

(d) lies between 3v and 4v km/hr

CSAT-2018

18Q: A train 200 metres long is moving at the rate of 40 kmph. In how many seconds will it cross a man standing near the railway line?

(a) 12

(b) 15

(c) 16

(d) 18

CSAT-2018

19Q: Two persons, A and B are running on a circular track. At the start, B is ahead of A and their positions make an angle of 30° at the centre of the circle. When A reaches the point diametrically opposite to his starting point, he meets B. What is the ratio of speeds of A and B, if they are running with uniform speeds?

(a) 6 : 5

(b) 4 : 3

(c) 6 : 1

(d) 4 : 2

CSAT-2017

20Q: P works thrice as fast as Q, whereas P and Q together can work four times as fast as R. If P, Q and R together work on a job, in what ratio should they share the earnings?

(a) 3: 1: 1

(b) 3: 2: 4

(c) 4: 3: 4

(d) 3: 1: 4

CSAT-2016

21Q: W can do 25% of a work in 30 days, X can do 1/4 of the work in 10 days, Y can do 40% of the work in 40 days and Z can do 1/3 of the work in 13 days. Who will complete the work first?

a) W

b) X

c) Y

d) Z