



# TISSNET/CMAT 2021- Expected Questions- P & C

Special class



UNACADEMY

Let's Crack it!

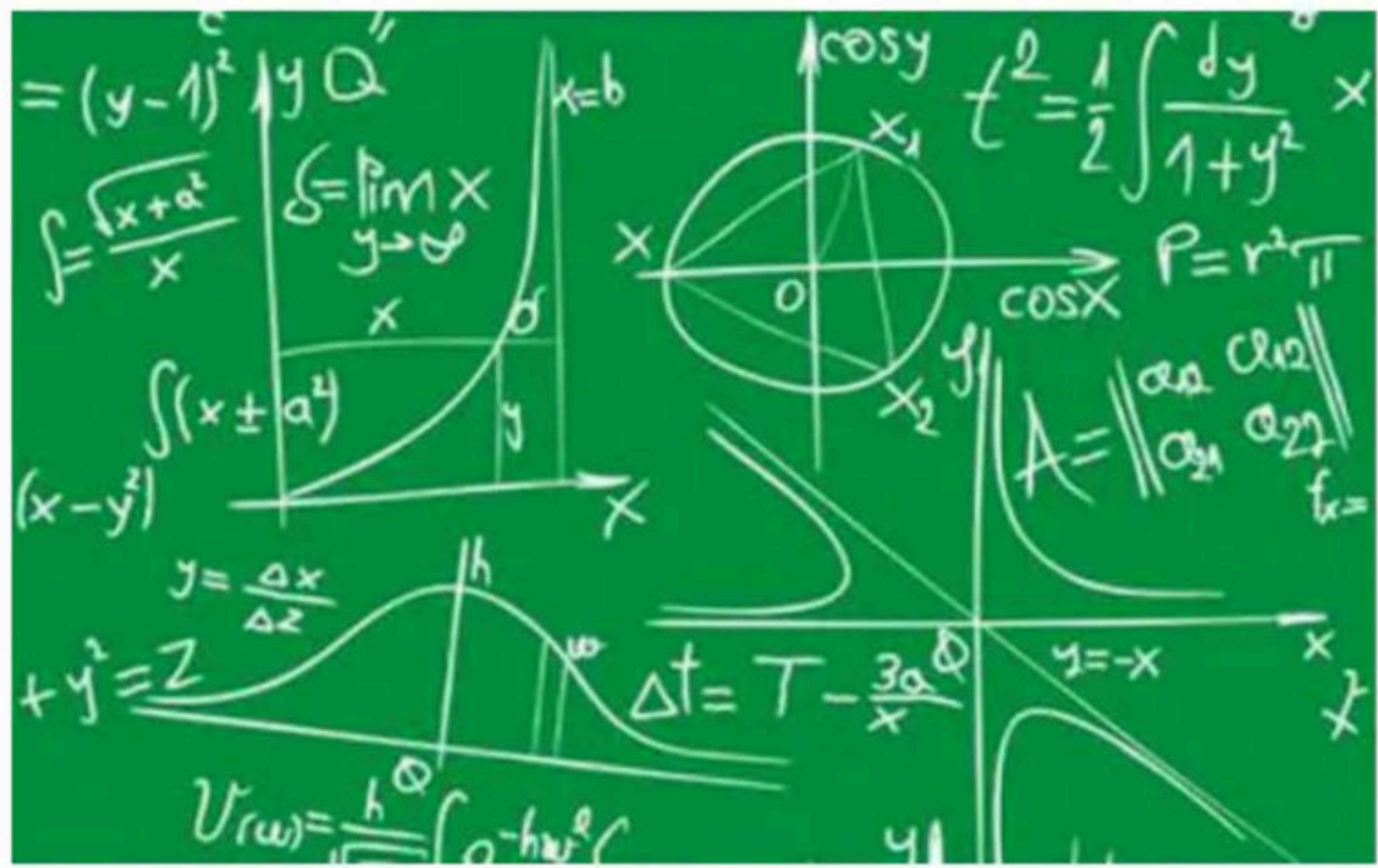
# TISSNET & CMAT 2021

**LIVE** Daily



Mission

CAT 2021







UNACADEMY

Let's Crack it!

● **LIVE** Daily



Mission

CAT 2021

## PRASHANT CHAUDHARY



Engineering Graduate from AMU.



4 Years of Teaching Experience.



Scored **99 .93 Percentile** in **CAT 2020**  
**QA- 99 .96 || DILR- 99.77**

**#CAT4MBALiveDaily**



UNACADEMY

Let's Crack it!

## Social Media

Join Me on.....



JOIN US ON TELEGRAM

**Telegram**  
@ Mission\_CAT

● **LIVE** Daily



**Mission**

**CAT 2021**





# TISSNET 2018



CAT<sub>4</sub> MBA

**At what time between 3 and 4 o'clock, the hands makes an angle of 10 degrees?**





**A clock gains 5 seconds for every 3 minutes. If the clock started working at 7 a.m. in the morning, then what will be the time in the wrong clock at 4 p.m. on the same day?**



An accurate clock shows 7 a.m. Through how many degrees will the hour hand rotate when the clock shows 1 p.m.?

A.  $154^\circ$  B.  $180^\circ$

C.  $170^\circ$  D.  $160^\circ$



How many times in a day, the hands of a clock are straight?

A. 22 B. 24

C. 44 D. 48





A house has two wall clocks, one in kitchen and one more in the bedroom. The time displayed on both the watches is 12.A.M right now. The clock in the bedroom gains five minutes every hour, whereas the one in the kitchen is slower by five minutes every hour. When will both the watches show the same time again?



A clock is set right at 8 a.m. The clock gains 10 minutes in 24 hours will be the true time when the clock indicates 1 p.m. on the following day?

- |                     |                     |
|---------------------|---------------------|
| A) 48 min. past 12. | B) 46 min. past 12. |
| C) 45 min. past 12. | D) 47 min. past 12. |



TISSNET 2018



CAT<sub>4</sub> MBA

**At what time do the hands of a clock between 7:00 and 8:00 form 90 degrees?**





From a pack of 52 cards, Find the probability of drawing atleast one spade if 2 cards are drawn?

- A)  $1/26$
- B)  $15/34$
- C)  $2/13$
- D)  $3/4$



From a pack of 52 cards, Find the probability of drawing atleast one spade if 2 cards are drawn?

- A)  $1/26$
- B)  $15/34$
- C)  $2/13$
- D)  $3/4$



**Find number of ways of selecting a committee of 5 members out of 7 men and 6 women such that 3 men are always there in the committee:**





73. The number of ways in which Arnav, Ananyaa, Deepali and Neena can stand in straight line such that Deepali comes between Arnav and Ananyaa & also Neena does not come between Arnav and Ananyaa is?

- 8
- 6
- 12
- 4



95. In how many ways 9 friends - Alok, Badal, Carol, Dorothy, Emily, Frank, Govind, Harish and Indivar, be divided equally into 3 groups?

- 1296
- 1280
- 280
- 362880



In how many ways a committee consisting of 5 men and 6 women can be formed from 8 men and 10 women ?





There are six teachers. Out of them, two teach physics, other two teach Chemistry and the rest two teach Mathematics. They have to stand in a row such that Physics, Chemistry and Mathematics teachers are always in a set. The number of ways in which they can do, is :



In how many different ways, can the letters of the words EXTRA be arranged so that the vowels are never together:



**A man wears gloves of two colours - Red and Green. He has altogether 30 Red Gloves and 10 Green Gloves. Supposing he has to take out Gloves in dark, how many must he take out to be sure that he has a matching pair ?**

- a) 4
- b) 5
- c) 6
- d) 3





Q.12 A management institute has 6 senior professors and 4 junior professors, 3 professors are selected at random for a government project. The probability that at least one of the junior professors would get selected is :

- Options
1.  $5/6$
  2.  $1/6$
- 

3.  $2/3$
4.  $1/5$



Q.13 In a simultaneous throw of a pair of dice, find the probability of getting a total of 9 or more.

- Options
1.  $5/12$
  2.  $2/7$
  3.  $5/18$
  4.  $2/36$



Q.17 What is the probability of drawing a king or a heart from a deck of cards ?

Options 1.  $17/15$

2.  $4/13$

3.  $1/13$

4.  $1/52$





Q.23 There are 6 tasks and 6 persons. Tasks cannot be assigned either to person 1 or person 2. task 2 must be assigned to either person 3 or person 4. Every person is to be assigned one task. In how many ways can the assignment be done ?

Options

1. 192
2. 144
3. 180
4. 360



**1) What is the probability of getting a 'nine' or 'ten' on a single throw of two dice?**

**[Question ID = 155]**

1.  $2/9$  [Option ID = 616]
2.  $7/36$  [Option ID = 617]
3.  $1/5$  [Option ID = 618]
4.  $2/7$  [Option ID = 619]



**7) In how many different ways can 3 red balls, 2 blue balls and 4 yellow balls be arranged so that the balls of the same color come together?**

**[Question ID = 135]**

1. 1742 [Option ID = 536]
2. 1732 [Option ID = 537]
3. 1728 [Option ID = 538]
4. 1750 [Option ID = 539]





**19) In a box, there are eight yellow and four black balls. If three balls are drawn at random, what is the probability that two are yellow and one black?**

**[Question ID = 151]**

1.  $1/16$  [Option ID = 600]
2.  $28/55$  [Option ID = 601]
3.  $3/8$  [Option ID = 602]
4.  ${}^8C_2 / {}^4C_1$  [Option ID = 603]