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GATE 2021

GENERAL APTITUDE

धमाकेदार ट्रिक के साथ 🔥🔥



DATA INTERPRETATION -1,
TABULATION

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GATE | EE (CE)



Secured Score 99.86% in
CAT (Quantitative Section)



GATE/ESE:

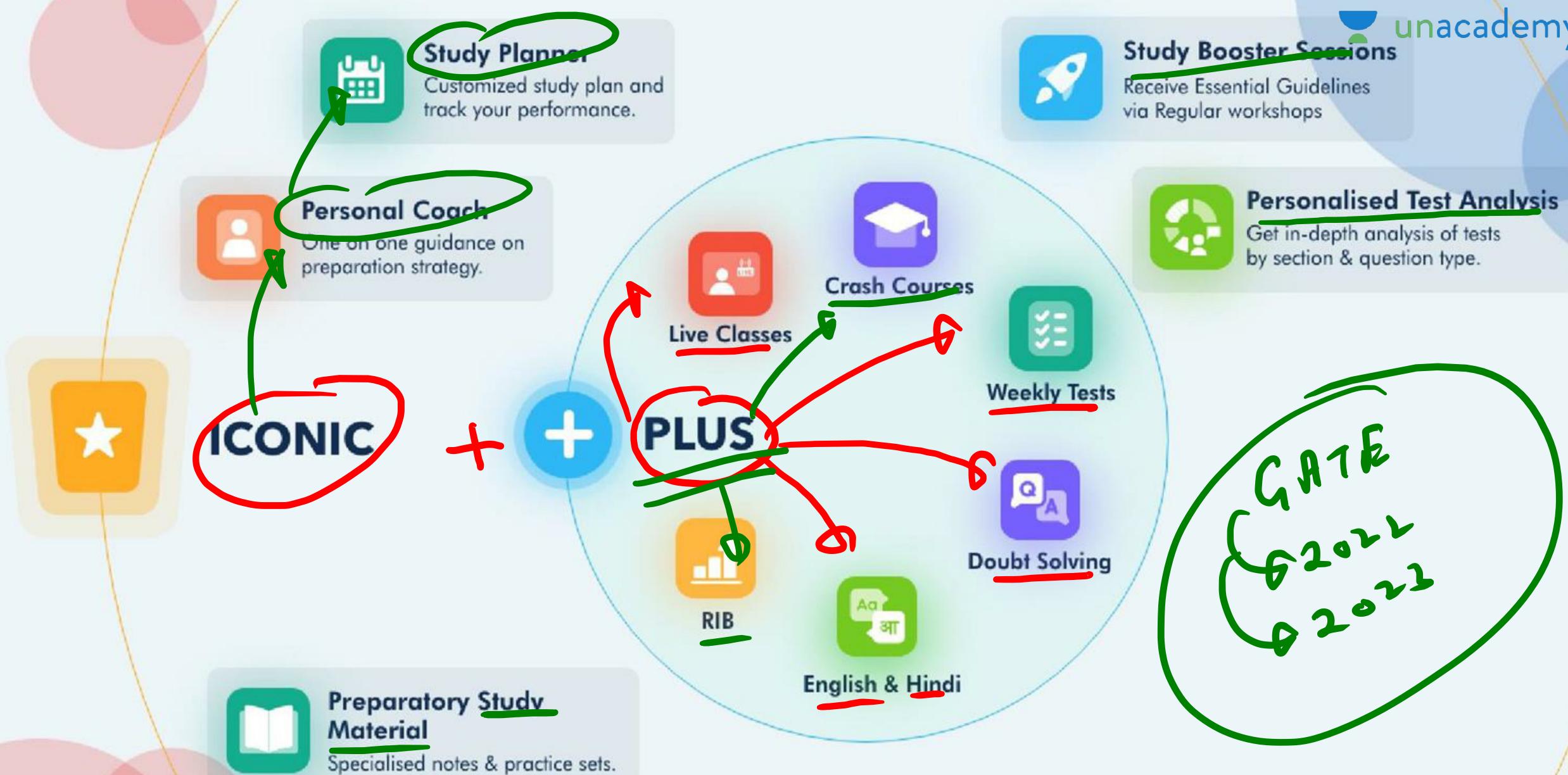
7+ Years Teaching Experience
Mentored 25k+ Students for
GATE, ESE & PSUs



Subjects Taken:

General Aptitude
Engineering Mathematics
Digital Electronics





Plus Batches Taken by Top Educators



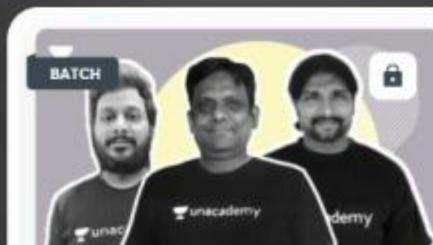
Civil Engg



Doubt Clearing Batch for GATE 2021 (Civil)

Started on Oct 19

Anirudh Singh Rathore and 2 more



Spark ESE Prelims 2021 (Civil) - Batch A (English)

Started on Nov 20

Praveen Kulkarni and 2 more



Target ESE Prelims 2021 (Civil) - Batch C

Starts on Dec 7

Anirudh Singh Rathore



GATE Rank Improvement Batch (Civil) 2021 - Part II

Started on Jul 1

Chetan Saxena and 3 more



GATE Rank Improvement Batch (Civil) 2021 - Part I

Started on Jun 15

Chetan Saxena and 2 more



BATCH - B

NEW
BATCH
ALERT

TARGET ESE PRELIMS 2021

GENERAL STUDIES



SAURABH KUMAR
PANDEY



SYED ASIF
HAIDER



AMAN RAJ



RAJAT JOHARI



SAGAR SHARMA



K UMAMAHESWARA
RAO



SHRENIK
JAIN

START DATE

11
JAN
2021

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Pattern

Total 10 Questions

1) Five Question
Each question 1 mark

2) Five Question
Each question 2 mark

109 -> ISM

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(Strictly Related to NEW GATE Syllabus)

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6 Jan
5 PM

9 Jan
5 PM

13 Jan
5 PM

16 Jan
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20 Jan
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23 Jan
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Pattern

Quantitative Aptitude – 4 Q

Analytical Aptitude – 4 Q

Spatial Aptitude – 4 Q

Verbal Aptitude – 4 Q

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Avinash Sir
CAT 99.86%iler
(Quantitative)

✓ Analytical Aptitude

- Venn Diagram
- Syllogism
- Series
- Coding & Decoding
- Clock & Calendar
- Distance & Direction
- Blood Relation
- Seating Arrangements
- Puzzle

FREE

25

Quantitative Aptitude

- Time & Work
- Pipes & Cisterns
- Ratio & Proportion
- Number System
- Sequence & Series
- Average
- Time, Speed & Distance
- Percentage
- Profit, Loss & Discount
- Allegation & Mixture
- Powers, exponents and logarithms
- Algebra
- Permutation & Combination
- Probability
- Data Interpretation
- Mensuration and geometry

✗ Spatial Aptitude

- Shape Matching - Two Dimensional
- Visual Comparison - Two Dimensional
- Group Rotation - Two Dimensional
- Combining Two Dimensional Shapes
- Cube Views in Three Dimensions
- Cubes in Two and Three Dimensions
- Other Solids in Two and Three Dimensions
- Block Counting in Three Dimensions
- Two-Dimensional Mirror Reflections
- Paper folding and Cutting

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Today's Class Agenda



GATE
GATE
34 Questions
2016

A handwritten note in red ink. It says "GATE" twice, "34 Questions" once, and "2016" inside an oval. There is also a small mark resembling a checkmark or a tick.

➤ Basic Concept of Data Interpretation

➤ Tabulation

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Data Interpretation



Data

101, 102, 103,

, 500

① Total No $\rightarrow \underline{400}$

② Multiple of 4 $\rightarrow \underline{100}$

③ Even No $\rightarrow \underline{200}$

④ Odd No $\rightarrow \underline{200}$

Ques

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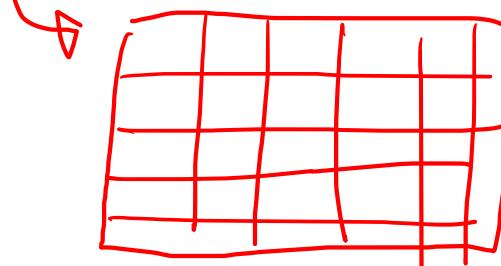
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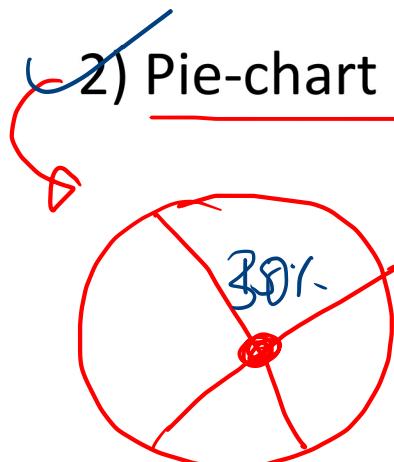
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Type of DI

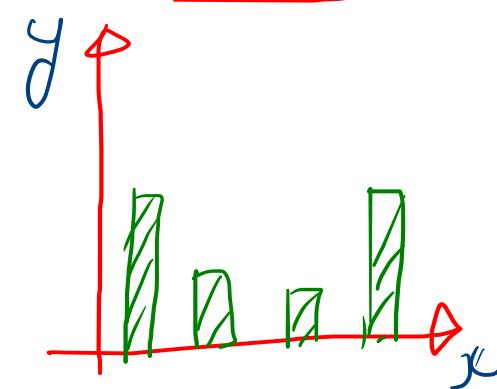
1) Tabulation



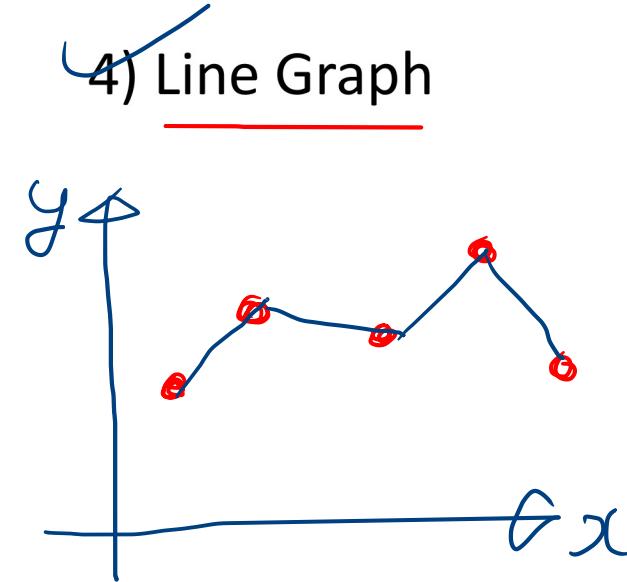
2) Pie-chart



3) Bar Diagram



4) Line Graph



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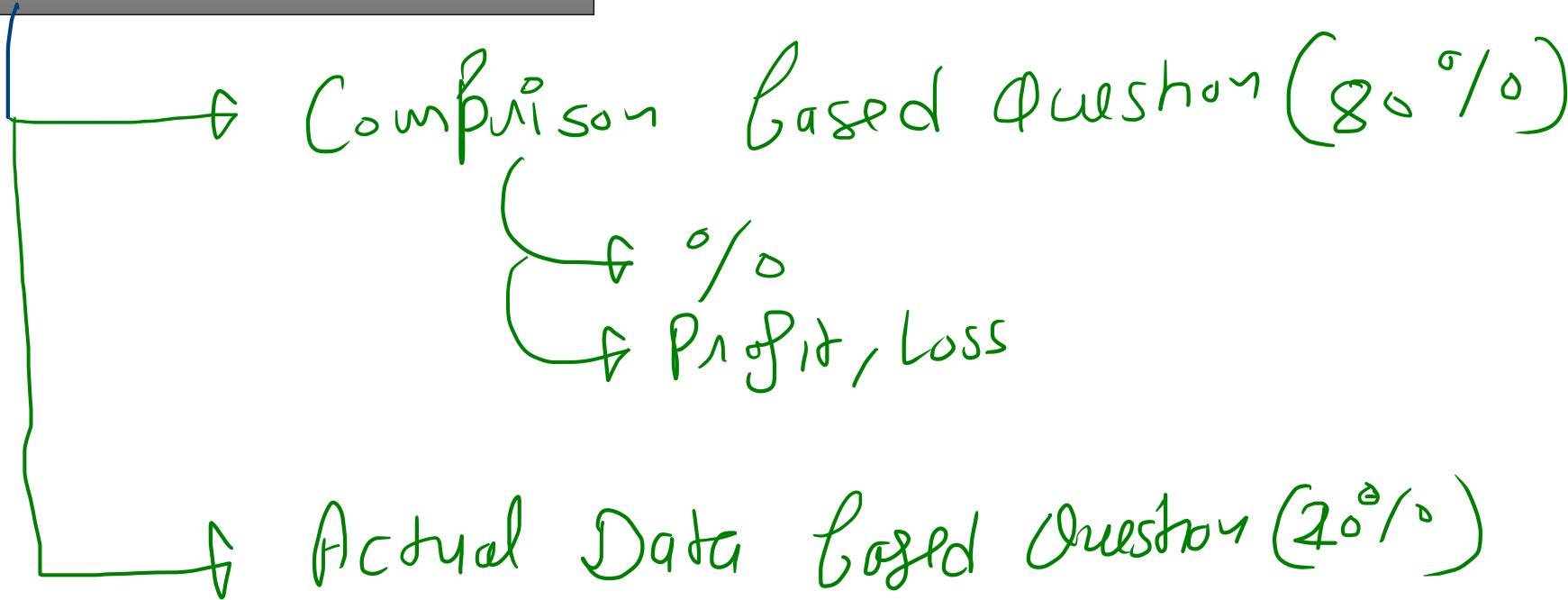
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Type of Questions



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Tabulation

Pass Percentage of BA and B.Sc (2014-15)			
	No. of Students Appeared in the Annual Examination	Passed	Pass Percentage (%)
Botany	29	24	82.76
Chemistry	30	25	83.33
History	40	34	85.00
Malayalam	38	37	97.37
Mathematics	32	28	87.50
Physics	28	17	60.71
Zoology	30	23	76.67

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1) Refer the below data table and answer the following question.

Labour and Taxes were what percent of total expenses?

- A) 45.71 percent
- C) 23.96 percent

- B) 38.46 percent
- D) 31.21 percent

Items	Yearly Expense is Rs lakhs
Raw Material	9
Labour	7
Rent	4
Interest	3
Taxes	3

$$\text{Labour} + \text{Taxes} \rightarrow \frac{7+3}{26} = 10$$

$$\left(\frac{10}{26} \times 100 \right) = \underline{\underline{38.46\%}} \quad \text{(B)}$$



2) In a survey, 300 respondents were asked whether they own a vehicle or not. If yes, they were further asked to mention whether they own a car or scooter or both. Their responses are tabulated below. What percent of respondents do not own a scooter?

[GATE 2014, 2 MARKS (EE)]

300

	Men	Woman	
Own vehicle	Car	40	34
	Scooter	30	20
	Both	60	46
Do not own vehicle	20	50	

$$\begin{array}{r}
 40 + 34 = 74 \\
 + \\
 30 + 20 = 50 \\
 \hline
 74 + 50 = 124
 \end{array}$$

Ans:

$$\frac{144}{300} \times 100 = 48\%$$

144

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3) The data given in the following table summarizes the monthly budget of an average household

Category	Amount(₹)
Food	4000
Clothing	1200
Rent	2000
Savings	1500
Other expenses	1800
	10500

[GATE 2019]

The approximate percentage of the monthly budget NOT spent on Savings is

- (A) 10% (B) 14% (C) 81% (D) 86%

$$\frac{10500}{10500} \times 100 = 100\%$$

$$\frac{9000}{10500} \times 100 = 85.71\%$$

$$\frac{9000}{10500} \times 100 = 85.71\%$$



4) Refer the below data table and answer the following question.

What was the Revenue of the company if its Expenditure was

Rs. 575 crore in the year when its % profit was the least?

- A) 632.5
- D) 603.75
- C) 661.25
- D) 575

Year	Company's % Profit
2011	15
2012	5
2013	10
2014	15
2015	20

Expenditure \rightarrow 575 Crore

$$\begin{aligned}
 & \text{Expenditure} = 575 \\
 & \text{Profit} = 5\% \\
 & \text{Revenue} = 575 + 28.75 \\
 & \text{Revenue} = 603.75
 \end{aligned}$$

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Pattern

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Each question 1 mark

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Each question 2 mark

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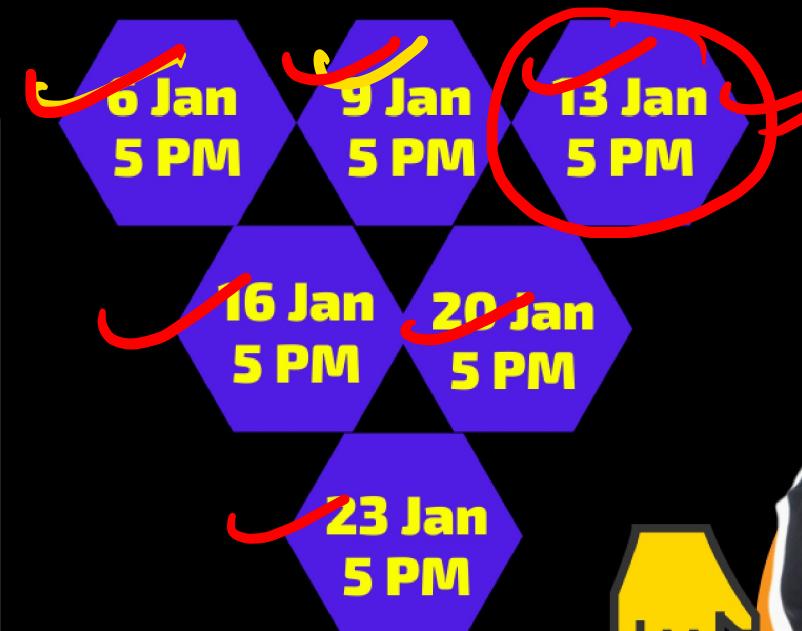
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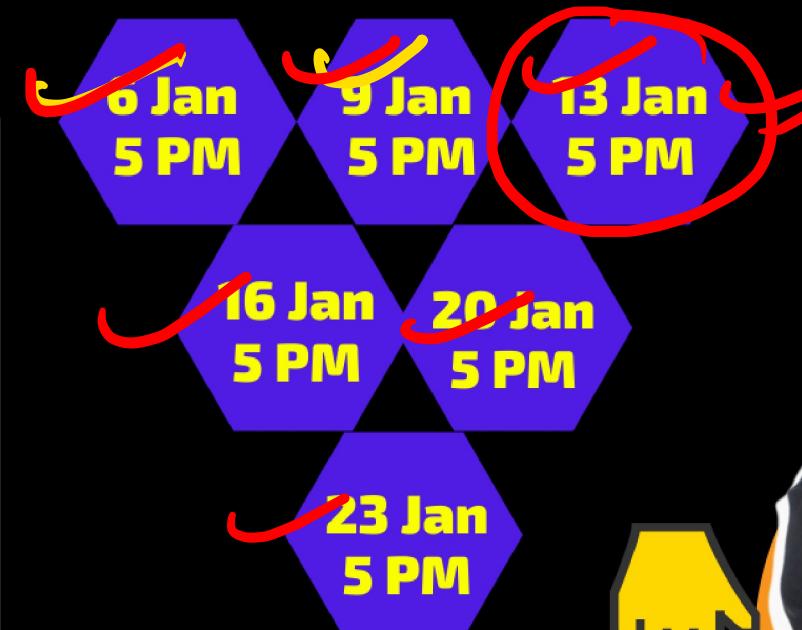
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- Series
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- Distance & Direction
- Blood Relation
- Seating Arrangements
- Clock & Calendar
- Analogy
- Puzzle

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BATCH - B

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PANDEY



SYED ASIF
HAIDER



AMAN RAJ



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SAGAR SHARMA



KUMAMAHESWARA
RAO



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JAIN

START DATE

11
JAN
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Avinash Singh

Teaches in GATE & ESE

7 Yr Teaching Exp Cracked GATE Multiple Times CAT-99.86%(Quant) YouTuber(Channel-Avinash Sir Maths) Teaching isn't my job, it's my Passion

510k Watch mins

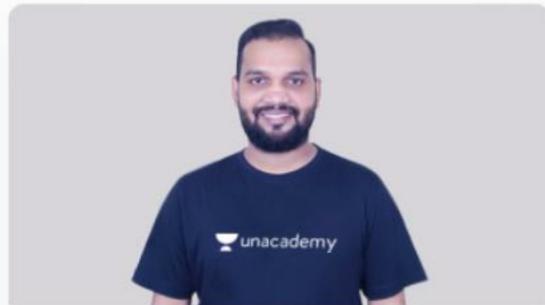
331k Watch mins (last 30 days)

2k Followers

100 Dedications

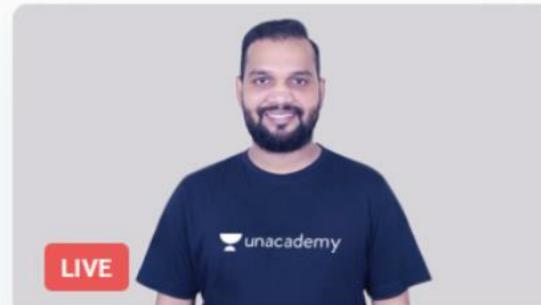


Special Classes



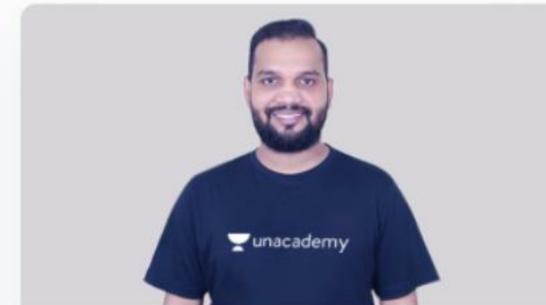
HINDI GENERAL APTITUDE

Most Expected General Aptitude Questions for GATE - Part 1



HINDI GENERAL APTITUDE

Engg Math : Linear Algebra PYQs with concept Part-2



HINDI GENERAL APTITUDE

Discussion on Permutation & Combination with PYQs- Part 4

SEE ALL

Educator highlights

- ① Worked at GATE ACADEMY
- ① Cracked GATE Exam Multiple time
- ① Lives in Durg, Chhattisgarh, India
- ① Unacademy Educator since 29th September, 2020
- (+) 120,429 live minutes taught in last 30 days

<https://tinyurl.com/AvinashSirMaths>

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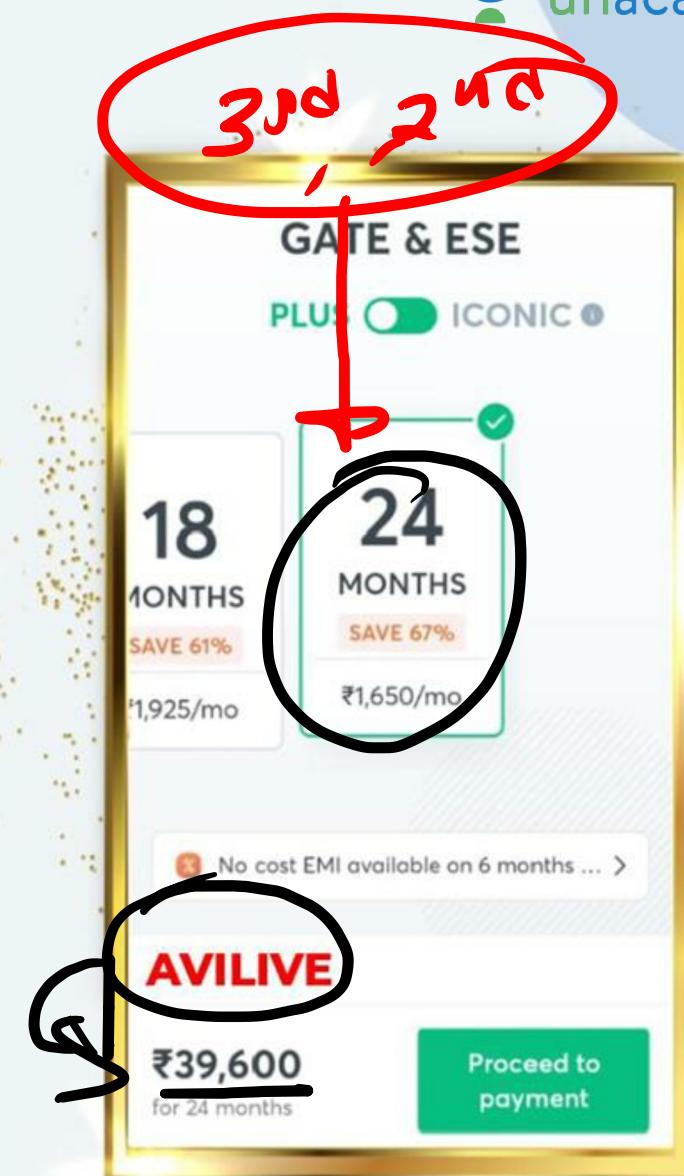
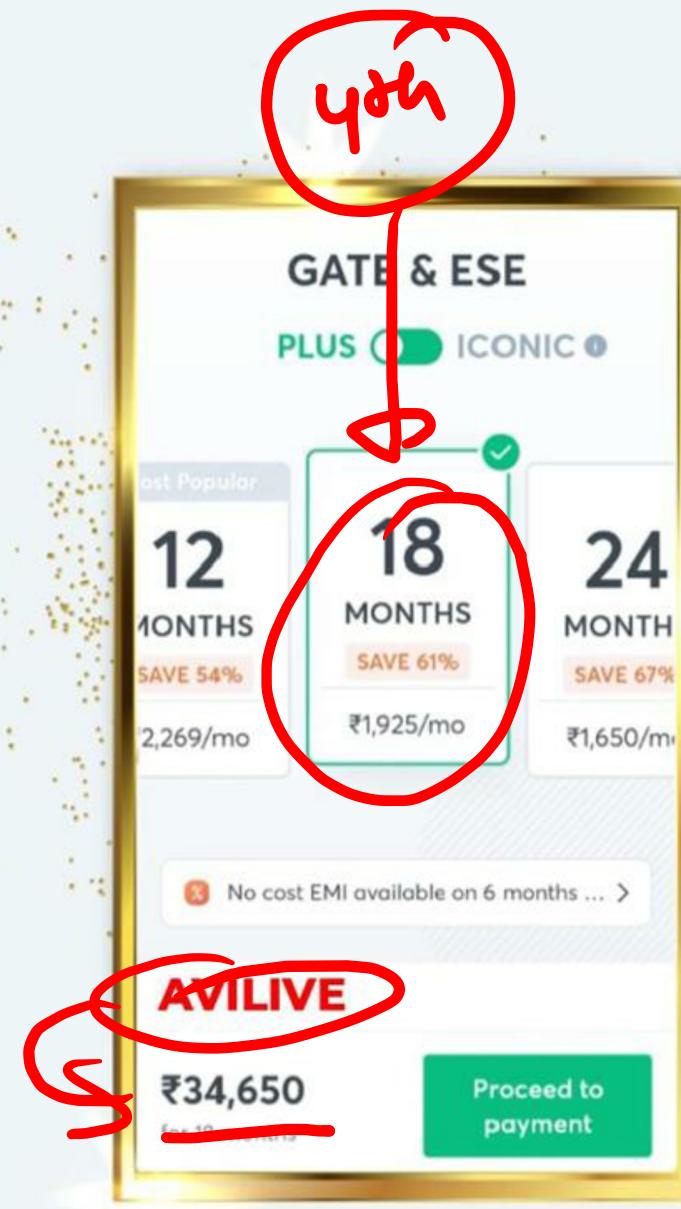
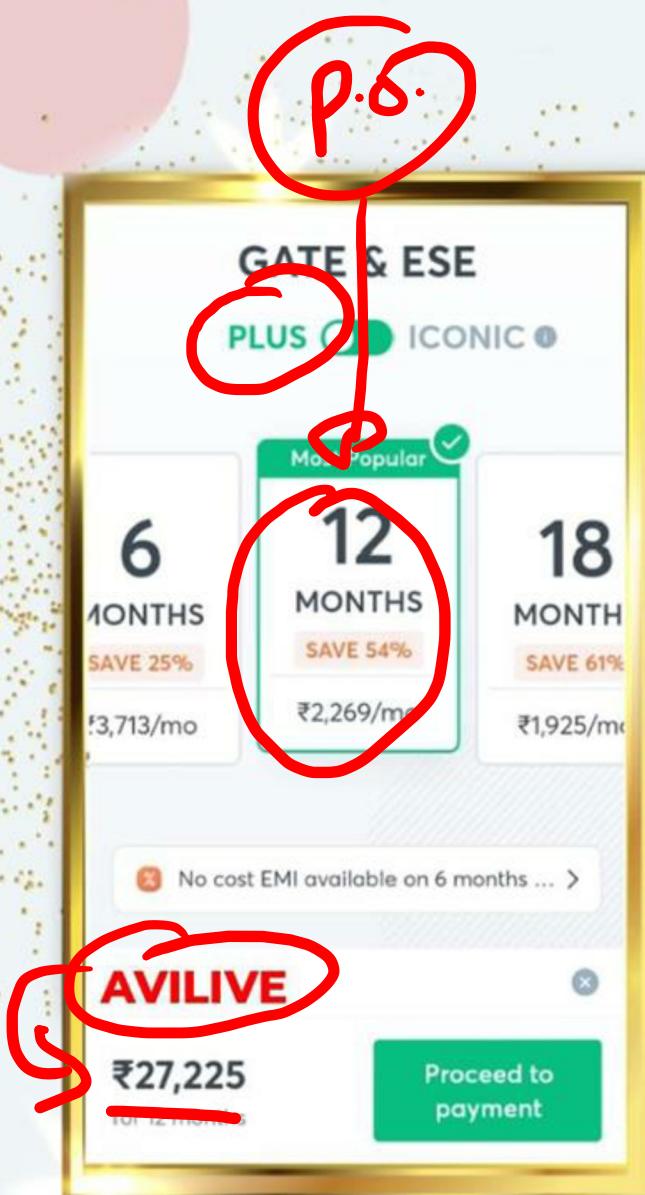
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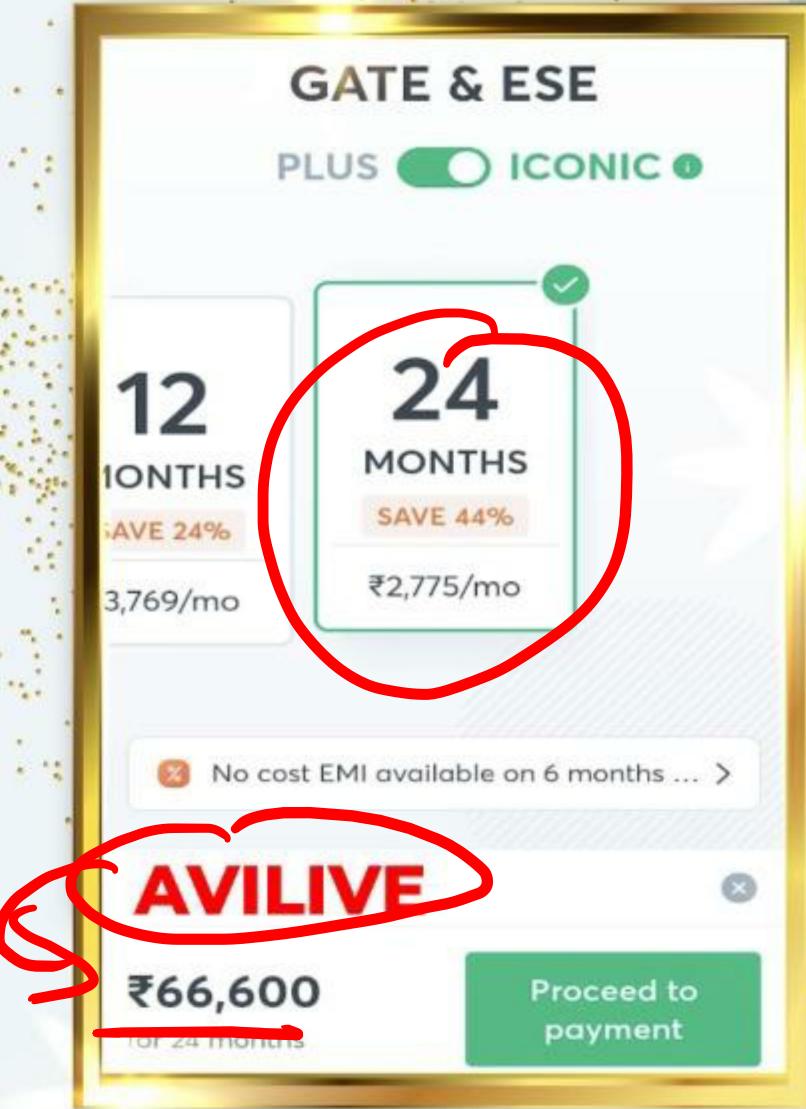
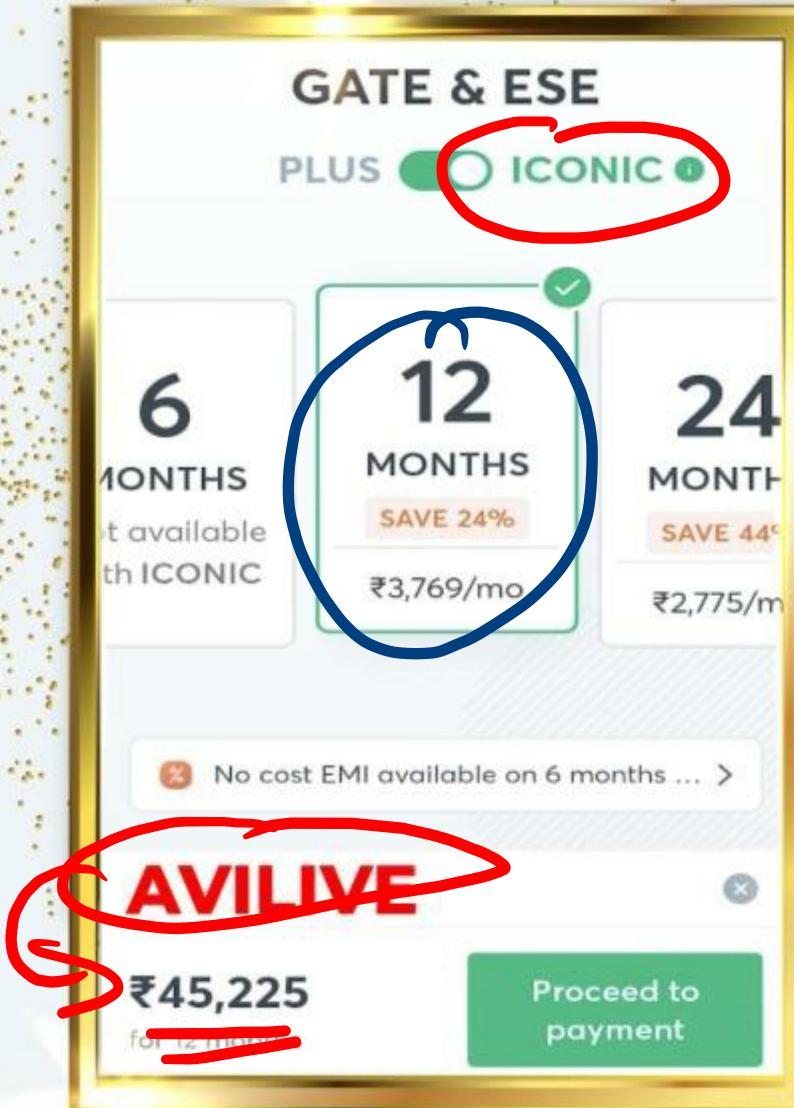
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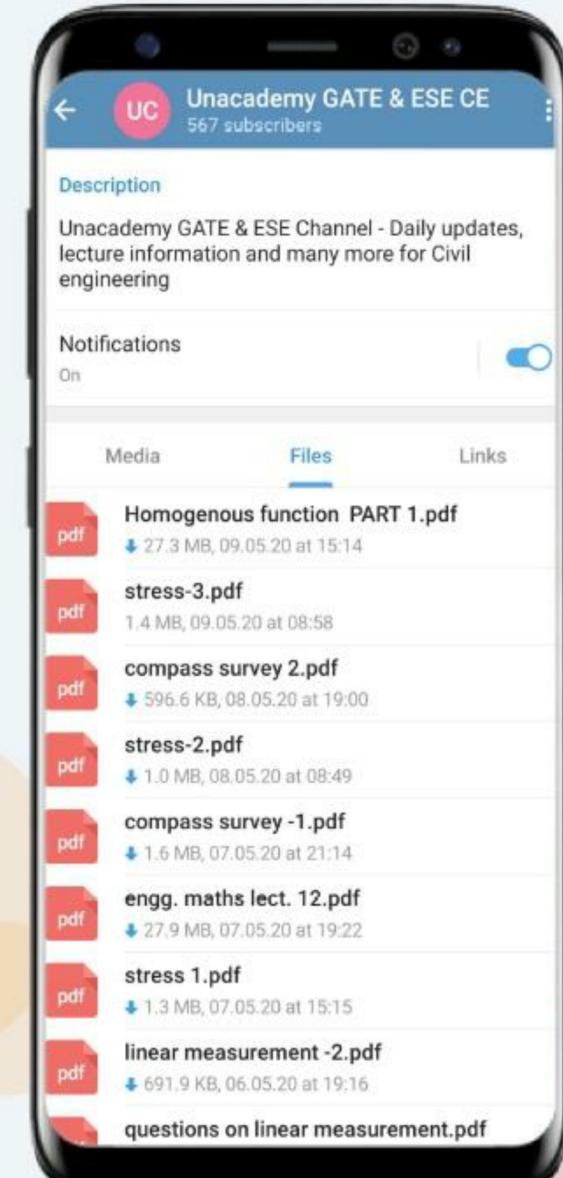
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