



Indefinite Integration - Part III

Detailed Course on Integration for Class 12 & Droppers

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VINEET LOOMBA.
I WORK TO TURN EVEN
AVERAGE PERFORMERS
INTO
IITIANS**



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Vineet Loomba

Legend in IIT JEE

A game-changer in Mathematics and a mentor to 100 percentiler thrice, his courses are regarded as the Bible for IIT JEE.

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TURNING AVERAGE PERFORMERS INTO IITians

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**# RANKED No.1 EDUCATOR ON UNACADEMY IN IIT-JEE
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TURNING EVEN AVERAGE PERFORMERS INTO IITians

VINEET LOOMBA (B.TECH. IIT ROORKEE)



ASHWIN

- ✓ **A.I.R. 409 IN JEE ADVANCED**
- ✓ **100%ILE IN MATHS IN JEE MAIN 2021**
FEB | MARCH | APRIL (JULY) ATTEMPT
- ✓ **STUDENT OF MY EVOLVE BATCH & SANJEEVNI BATCH**

LET'S CRACK IIT-JEE !!

**Check Out the PDF in my
Community for Direct Links of my
Courses and RBCs**



HINDI **MATHEMATICS**

Detailed Course on Applications of
Derivatives for Class 12 & Droppers

Lesson 2 - Today, 9:00 PM

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HINDI **MATHEMATICS**

Detailed Course on Permutations &
Combinations for Class 11, 12 &...

Starts on Aug 3, 2022 - 7 lessons

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HINDI **MATHEMATICS**

Excel Course on Mathematics for
JEE 2023

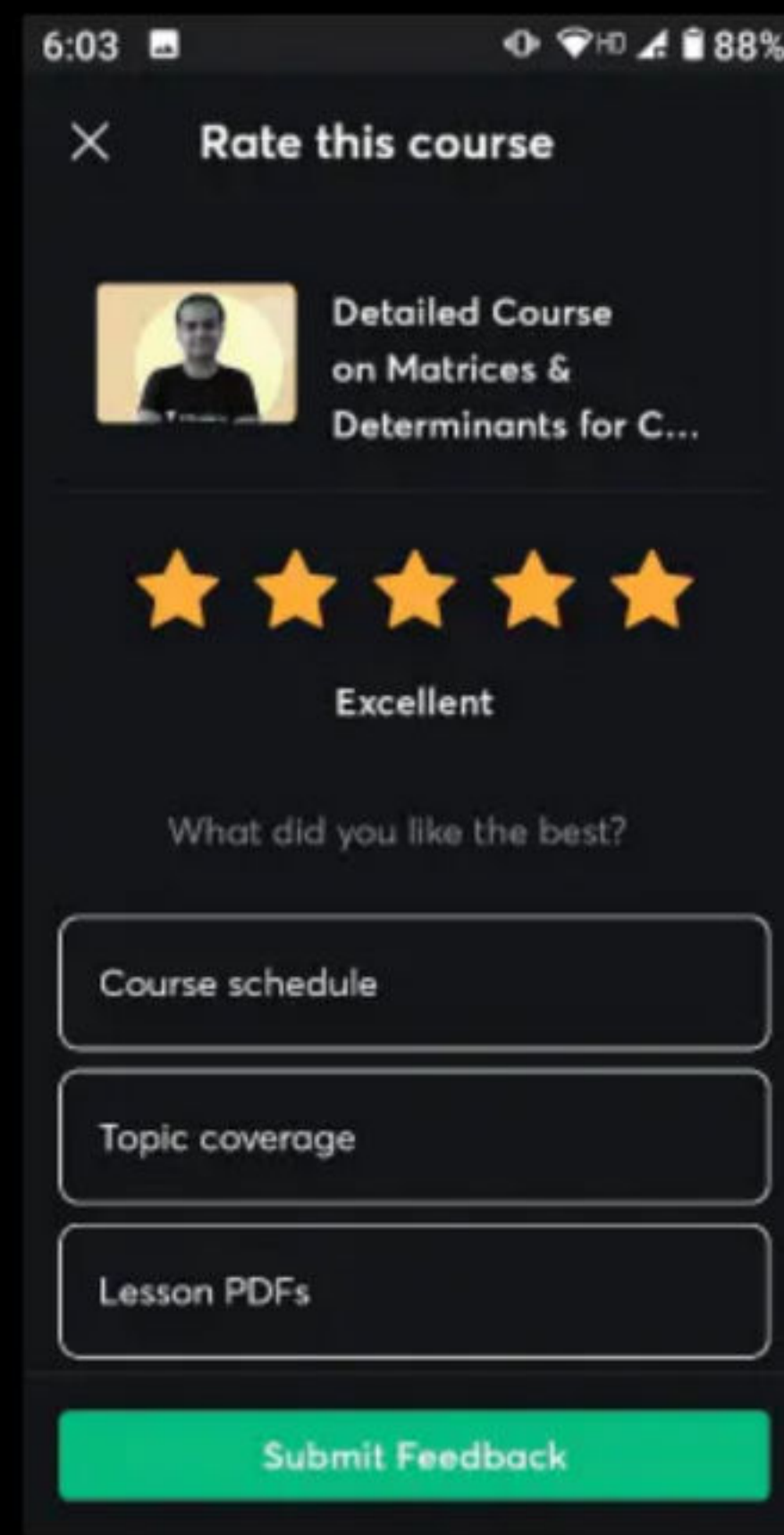
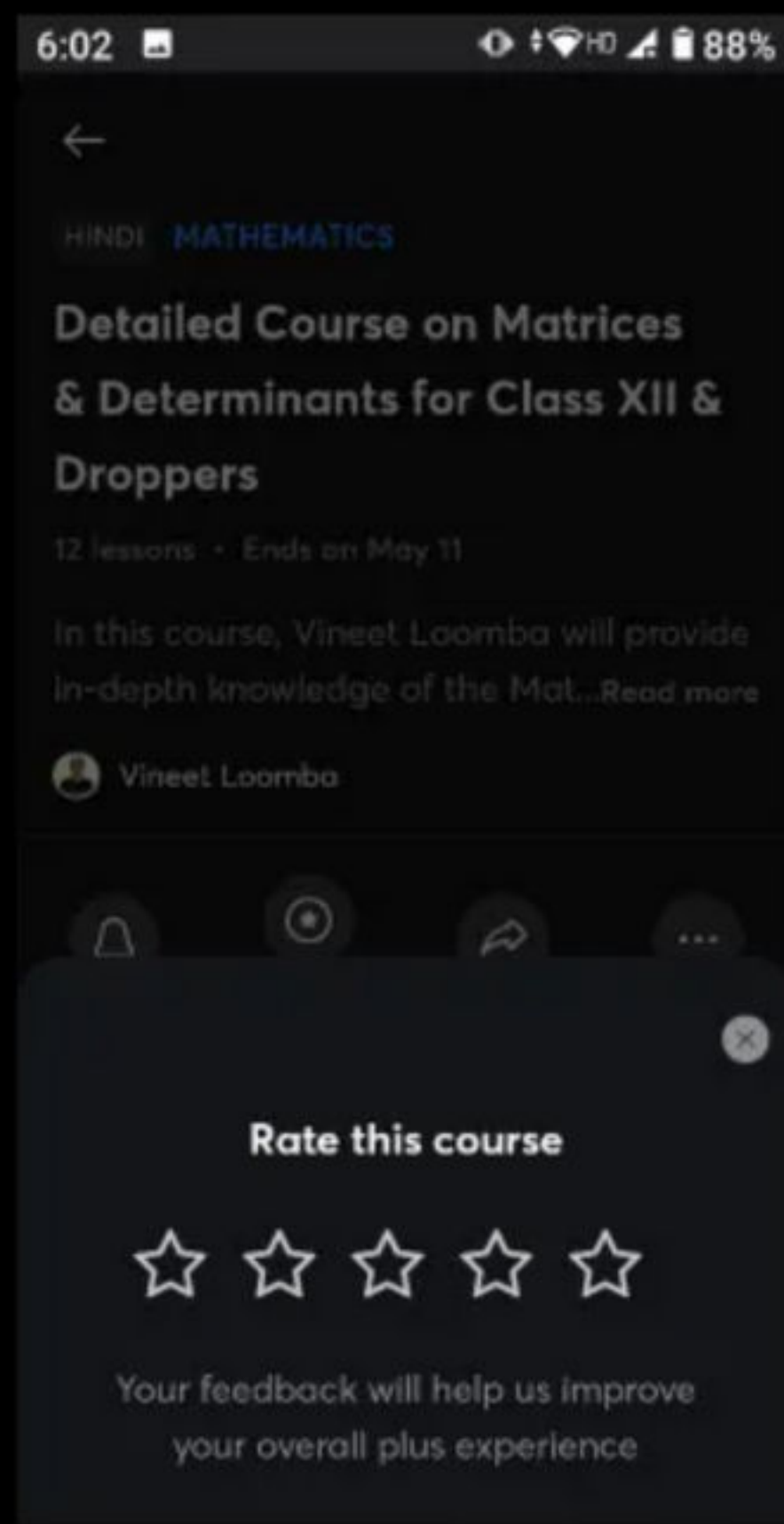
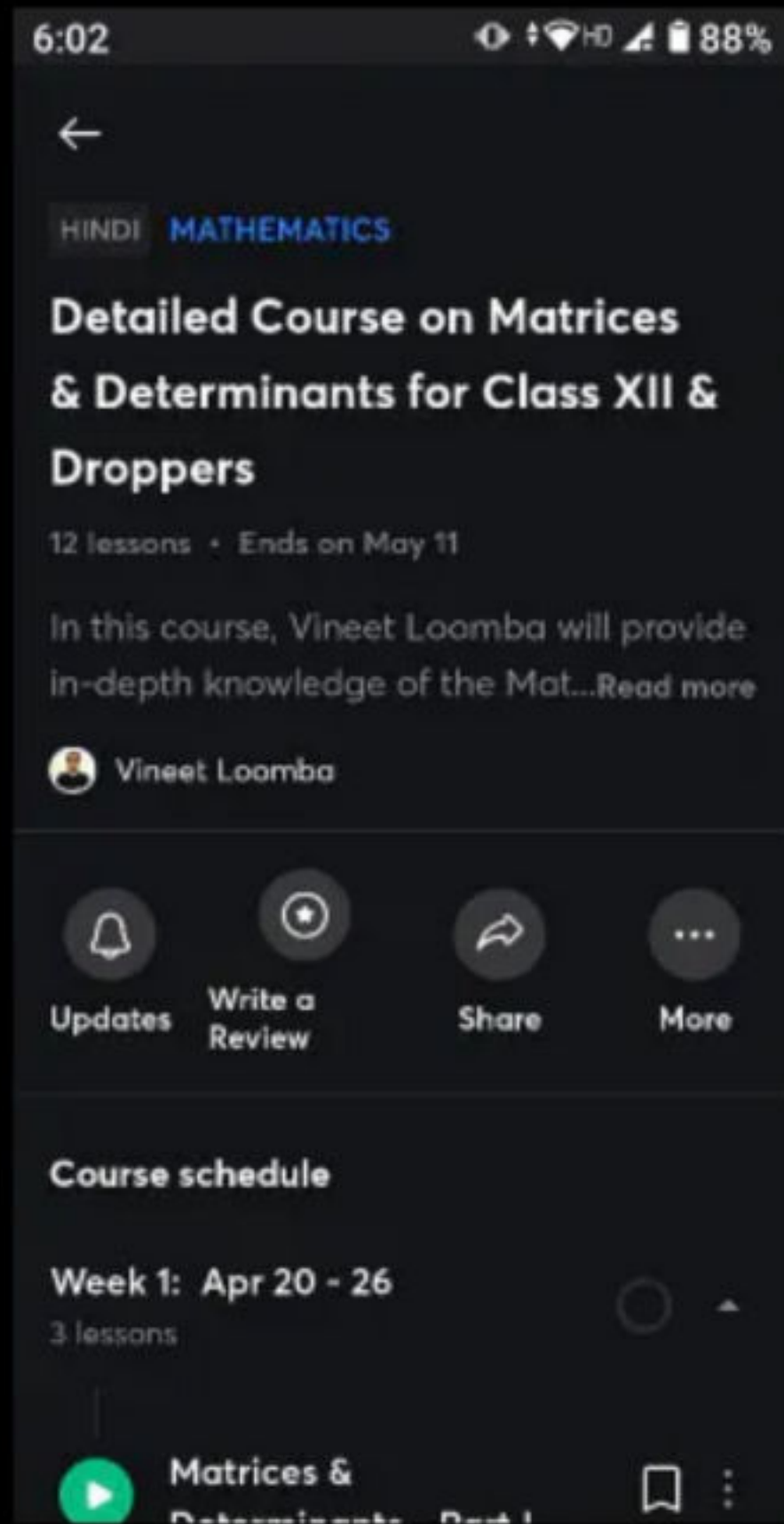
Starts on Aug 2, 2022 - 18 lessons

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To motivate me please Rate all my Courses 5 Stars



1. Excel Courses for JEE 2023 (Class 11 + 12 JEE Portion) at 2:00 p.m.
2. Evolve Course for JEE 2023 (Class 12 JEE Portion) at 9:00 p.m.
3. Emerge Courses for JEE 2024 (Class 11 JEE Portion) at 7:15 p.m.

Ex:
45

$$\int \frac{x^2 \tan^{-1}(x^3)}{1+x^6} dx.$$

$$\tan^{-1} x^3 = t$$

$$\frac{1}{1+(x^3)^2} \times 3x^2 dx = dt$$

$$= \int \frac{1}{3} t dt = \frac{1}{3} \frac{t^2}{2} + C = \frac{t^2}{6} + C$$

$$= \frac{(\tan^{-1} x^3)^2}{6} + C$$

1. Excel Courses for JEE 2023 (Class 11 + 12 JEE Portion) at 2:00 p.m.
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3. Emerge Courses for JEE 2024 (Class 11 JEE Portion) at 7:15 p.m.

Ex:
46

$$\int \frac{\tan \sqrt{x} \cdot \sec^2 \sqrt{x}}{\sqrt{x}} dx$$

$$\tan \sqrt{x} = t$$

$$\frac{\sec^2 \sqrt{x} dx}{2\sqrt{x}} = dt$$

$$= 2 \int t dt = 2 \frac{t^2}{2} + C$$

$$= (\tan \sqrt{x})^2 + C$$

1. Excel Courses for JEE 2023 (Class 11 + 12 JEE Portion) at 2:00 p.m.
2. Evolve Course for JEE 2023 (Class 12 JEE Portion) at 9:00 p.m.
3. Emerge Courses for JEE 2024 (Class 11 JEE Portion) at 7:15 p.m.

Ex
47

$$\int \sec x \ln (\sec x + \tan x) dx.$$

$$\ln (\sec x + \tan x) = t \quad \checkmark \quad = \int t dt = \frac{t^2}{2} + C$$

$$\frac{1}{\sec x + \tan x} \cdot (\sec x \tan x + \sec^2 x) dx = dt$$

$$\sec x dx = dt$$

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3. Emerge Courses for JEE 2024 (Class 11 JEE Portion) at 7:15 p.m.

Ex.
48

$$\int (\tan^3 x - x \tan^2 x) dx.$$

$$= \int \tan^2 x (\tan x - x) dx.$$

$$= \int (\sec^2 x - 1) (\tan x - x) dx$$

$$= \int t dt = \frac{t^2}{2} + C = \frac{(\tan x - x)^2}{2} + C.$$

$$\begin{aligned} \tan x - x &= t \\ (\sec^2 x - 1) dx &= dt \end{aligned}$$

1. Excel Courses for JEE 2023 (Class 11+12 JEE Portion) at 2:00 p.m.
2. Evolve Course for JEE 2023 (Class 12 JEE Portion) at 9:00 p.m.
3. Emerge Courses for JEE 2024 (Class 11 JEE Portion) at 7:15 p.m.

Ex:
49

$$\int \frac{x + e^x (\sin x + \cos x) + \sin x \cos x}{(x^2 + 2e^x \sin x - \cos^2 x)^2} dx$$

$$x^2 + 2e^x \sin x - \cos^2 x = t$$

$$(2x + 2[e^x \sin x + e^x \cos x] + 2 \cos x \cdot \sin x) dx = dt$$

$$\frac{1}{2} \int \frac{1}{t^2} dt = \frac{1}{2} \frac{t^{-2+1}}{-2+1} = -\frac{1}{2t} + C$$

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3. Emerge Courses for JEE 2024 (Class 11 JEE Portion) at 7:15 p.m.

P.M.9

~~*~~ $\int \sec x \, dx = \log |\sec x + \tan x| + C.$

$= \log \left| \tan \left(\frac{\pi}{4} + \frac{x}{2} \right) \right| + C \quad \checkmark$

~~*~~ $\int \operatorname{cosec} x \, dx = \log |\operatorname{cosec} x - \cot x| + C$

$= \log \left| \tan \frac{x}{2} \right| + C \quad \checkmark$

$$\frac{1}{\cos x} + \frac{\sin x}{\cos x} = \frac{1 + \sin x}{\cos x}$$

$$= \frac{1 + \cos\left(\frac{\pi}{2} - x\right)}{\sin\left(\frac{\pi}{2} - x\right)}$$

$$= \frac{2 \cos^2 \frac{\pi}{4} - \frac{x}{2}}{2 \sin\left(\frac{\pi}{4} - \frac{x}{2}\right) \cos\left(\frac{\pi}{4} - \frac{x}{2}\right)}$$

$$= \cot\left(\frac{\pi}{4} - \frac{x}{2}\right)$$

$$\cancel{2 \sin\left(\frac{\pi}{4} - \frac{x}{2}\right) \cos\left(\frac{\pi}{4} - \frac{x}{2}\right)} = \tan\left(\frac{\pi}{4} + \frac{x}{2}\right)$$

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3. Emerge Courses for JEE 2024 (Class 11 JEE Portion) at 7:15 p.m.

$$\begin{aligned}\int \sec x \, dx &= \int \frac{\sec x (\sec x + \tan x)}{\sec x + \tan x} \, dx \\ &= \int \frac{(\sec^2 x + \sec x \tan x)}{\sec x + \tan x} \, dx = \int \frac{1}{t} \, dt\end{aligned}$$

$$\begin{aligned}\sec x + \tan x &= t \\ (\sec x \tan x + \sec^2 x) \, dx &= dt \\ &= \log |t| + C \\ &= \log |\sec x + \tan x| + C\end{aligned}$$

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Exo

50

$$\int \frac{1}{\cos x (1 + 4 \sin^2 x)} dx = \int \frac{1}{\cos x (1 - 4(1 - \cos^2 x))} dx$$

$$= \int \frac{1}{\cos x (4 \cos^2 x - 3)} dx$$

$$= \int \frac{1}{4 \cos^3 x - 3 \cos x} dx = \int \frac{1}{\cos 3x} dx = \int \sec 3x dx$$
$$= \frac{1}{3} \log |\sec 3x + \tan 3x| + C$$

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2. Evolve Course for JEE 2023 (Class 12 JEE Portion) at 9:00 p.m.
3. Emerge Courses for JEE 2024 (Class 11 JEE Portion) at 7:15 p.m.

Ex:
$$\int \frac{\tan x + \sec x - 1}{\tan x - \sec x + 1} dx.$$

$$= \int \frac{\tan x + \sec x - (\sec^2 x - \tan^2 x)}{\tan x - \sec x + 1} dx$$
$$= \int \frac{(\sec x + \tan x)(1 - \sec x + \tan x)}{\tan x - \sec x + 1} dx.$$

~~$(\tan x - \sec x + 1)$~~

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3. Emerge Courses for JEE 2024 (Class 11 JEE Portion) at 7:15 p.m.

$$= \int (\sec x + \tan x) dx.$$

$$= \log |\sec x + \tan x| + \log |\sec x| + C.$$

1. Excel Courses for JEE 2023 (Class 11 + 12 JEE Portion) at 2:00 p.m.
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3. Emerge Courses for JEE 2024 (Class 11 JEE Portion) at 7:15 p.m.

Ex:

$$\int \frac{1}{\sin x \cos^2 x} dx = \int \frac{\sin^2 x + \cos^2 x}{\sin x \cos^2 x} dx$$
$$= \int \left(\frac{\sin x}{\cos^2 x} + \frac{1}{\sin x} \right) dx$$
$$= \int (\sec x \tan x + \operatorname{cosec} x) dx$$
$$= \sec x + \log |\operatorname{cosec} x - \cot x| + C$$

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Ex

53

M'

$$\int \sin^3 x \cos^3 x dx$$

$$3\sin^2 x - 4\sin^4 x = \sin 3x$$

$$\frac{3\sin^2 x - \sin 3x}{4} = \sin^2 x$$

$$= \frac{1}{8} \int 8\sin^3 x \cos^3 x dx$$

$$= \frac{1}{8} \int \sin^2 2x dx = \frac{1}{8} \int \frac{3\sin 2x - \sin 6x}{4} dx$$
$$= \frac{1}{32} \left(\frac{3(\cos 2x)}{2} + \frac{\cos 6x}{6} \right) + C$$

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M-2

$$\int \sin^3 x \cos^3 x \, dx.$$

$$\sin x = t$$

$$\cos x \, dx = dt$$

$$= \int \sin^3 x (\cos^2 x) (\cos x) \, dx = \frac{\sin^4 x}{4} - \frac{\sin^6 x}{6} + C.$$

$$= \int \sin^3 x (1 - \sin^2 x) \cos x \, dx.$$

$$= \int t^3 (1 - t^2) \, dt = \int t^3 - t^5 \, dt$$

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Substitution

$$\sqrt{a^2 - x^2} \Rightarrow$$

$$x = a \sin \theta$$

$$\sqrt{a^2 + x^2} \Rightarrow$$

$$x = a \tan \theta$$

$$\sqrt{x^2 - a^2} \Rightarrow$$

$$x = a \sec \theta$$

$$\sqrt{\frac{a^2 - x^2}{a^2 + x^2}} \Rightarrow$$

$$x^2 = a^2 \cos 2\theta$$

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PM-10

$$\int \frac{1}{a^2 + x^2} dx = \frac{1}{a} \tan^{-1} \frac{x}{a} + C.$$

$$\int \frac{1}{a^2 - x^2} dx = \frac{1}{2a} \log \left| \frac{a+x}{a-x} \right| + C.$$

$$\int \frac{1}{x^2 - a^2} dx = \frac{1}{2a} \log \left| \frac{x-a}{x+a} \right| + C$$

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$$\int \frac{1}{a^2 + x^2} dx = \int \frac{1}{a^2 + a^2 \tan^2 \theta} a \sec^2 \theta d\theta.$$

$$x = a \tan \theta \quad = \quad \frac{1}{a} \int \frac{a \sec^2 \theta}{\sec^2 \theta} d\theta$$

$$dx = a \sec^2 \theta d\theta \quad = \quad \frac{1}{a} \theta + C.$$

$$= \frac{1}{a} \tan^{-1}\left(\frac{x}{a}\right) + C$$

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$$\star \int \frac{1}{a^2 - x^2} dx = \int \frac{1}{(a-x)(a+x)} dx.$$

P.F.

$$= \frac{1}{2a} \int \frac{(a+x) + (a-x)}{(a-x)(a+x)} dx.$$

$$= \frac{1}{2a} \int \frac{1}{a-x} + \frac{1}{a+x} dx$$

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$$= \frac{1}{2a} \left[\frac{\log |a-x|}{-1} + \frac{\log |a+x|}{1} \right] + C.$$

$$= \frac{1}{2a} \log \left| \frac{a+x}{a-x} \right| + C$$

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EX34

$$\int \frac{1}{32 - 2x^2} dx$$

$$= \frac{1}{2} \int \frac{1}{16 - x^2} dx.$$

$$= \frac{1}{2} \frac{1}{2(4)} \log \left| \frac{4+x}{4-x} \right| + C.$$

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Ex:
$$\int \frac{x^2}{x^2 - 9} dx = \int \frac{x^2 - 9 + 9}{x^2 - 9} dx.$$

$$= \int 1 + \frac{9}{x^2 - 9} dx.$$

$$= x + 9 \frac{1}{2(3)} \log \left| \frac{x-3}{x+3} \right| + C.$$

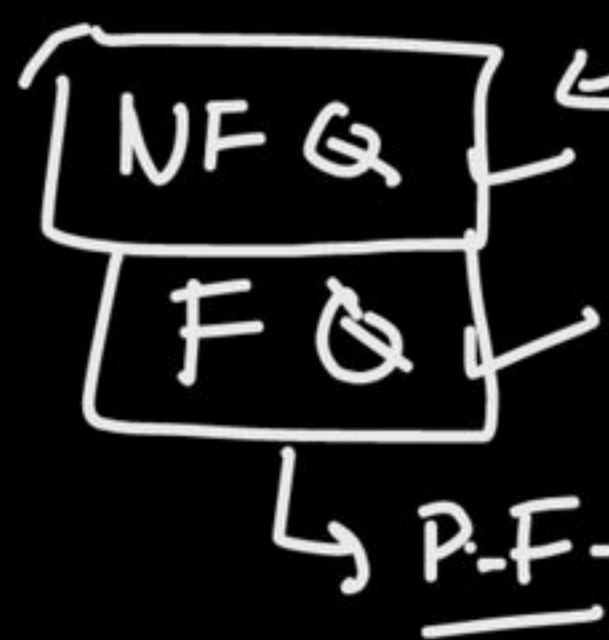
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PM 10a

$$\frac{1}{ax^2+bx+c} = \frac{1}{\text{quad}}$$

Method of Completing squares

$$\int \frac{1}{x^2+6x+13} dx$$



$$\begin{aligned} x^2+6x+13 \\ x^2+6x+9+4 \\ (x+3)^2+4 \end{aligned} \quad \left| \begin{aligned} &= \frac{1}{2} \tan^{-1}\left(\frac{x+3}{2}\right) \\ &+ C \end{aligned} \right.$$

$$\int \frac{1}{(x+3)^2+4} dx$$

$$x+3=t \Rightarrow dx=dt$$

$$\int \frac{1}{4+t^2} dt = \frac{1}{2} \tan^{-1}\left(\frac{t}{2}\right) + C$$

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3. Emerge Courses for JEE 2024 (Class 11 JEE Portion) at 7:15 p.m.

Ex: $\int \frac{x}{x^4 - x^2 + 1} dx.$

$\frac{1}{2} \int \frac{1}{t^2 - t + 1} dt \rightarrow \frac{1}{\text{Quad}}$

$$x^2 = t$$

$$2x dx = dt$$

$$x dx = \frac{1}{2} dt$$

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Ex: $\int \frac{1}{3x^2 + 13x - 10} dx$

$\frac{289}{36} = \left(\frac{17}{6}\right)^2$

$\int \frac{1}{\left(x + \frac{13}{6}\right)^2 - \left(\frac{17}{6}\right)^2} dx$

$\frac{1}{3} \cdot \frac{1}{2 \left(\frac{17}{6}\right)} \log \left| \frac{x + \frac{13}{6} - \frac{17}{6}}{x + \frac{13}{6} + \frac{17}{6}} \right|$

$3x^2 + 13x - 10$
 $3\left(x^2 + \frac{13}{3}x\right) - 10$
 $3\left(x^2 + \frac{13}{3}x + \left(\frac{13}{6}\right)^2 - \left(\frac{13}{6}\right)^2\right) - 10$
 $3\left(x + \frac{13}{6}\right)^2 - 3\frac{(13)^2}{36} - 10$
 $\left(x + \frac{13}{6}\right)^2 - \frac{289}{12}$

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$$= \frac{1}{17} \log \left| \frac{x - \frac{4}{6}}{x + 5} \right|$$

H.W. $= \frac{1}{17} \log \left| \frac{3x - 2}{3x + 15} \right|$

$$\begin{array}{r} 17 \cdot 4 \\ 17 \overline{) 119} \\ 119 \\ \hline 0 \end{array}$$

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Ex: $\int \frac{e^x}{e^{2x} + 6e^x + 5} dx.$

$$\int \frac{dt}{t^2 + 6t + 5}$$

Solve

$$\frac{e^x = t}{e^x dx = dt}$$

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3. Emerge Courses for JEE 2024 (Class 11 JEE Portion) at 7:15 p.m.

Ex:

$$\int \frac{\cos x}{\sin^2 x + 4 \sin x + 5} dx.$$

$$\int \frac{1}{t^2 + 4t - 5} dt$$

$$\begin{aligned} \swarrow \sin x &= t \\ \cos x dx &= dt \end{aligned}$$

Solve

Ongoing & Upcoming Courses

1. **Excel Courses for JEE 2023 (Class 11 + 12 JEE Portion) at 2:00 p.m.**
2. **Evolve Course for JEE 2023 (Class 12 JEE Portion) at 9:00 p.m.**
3. **Emerge Courses for JEE 2024 (Class 11 JEE Portion) at 7:15 p.m.**

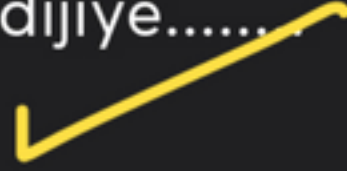
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▲ 6 • Asked by Aditya

Sir rbc karne ka time nahi mil Raha hai kya kare

▲ 4 • Asked by Arka

sir ji kal test hai ashirwaad dedijiye.....



▲ 4 • Asked by Kartavya

thank you very much sir for your rbc's, sanjeevani 2021 is my
favorite, boht maza ata hai

RBC

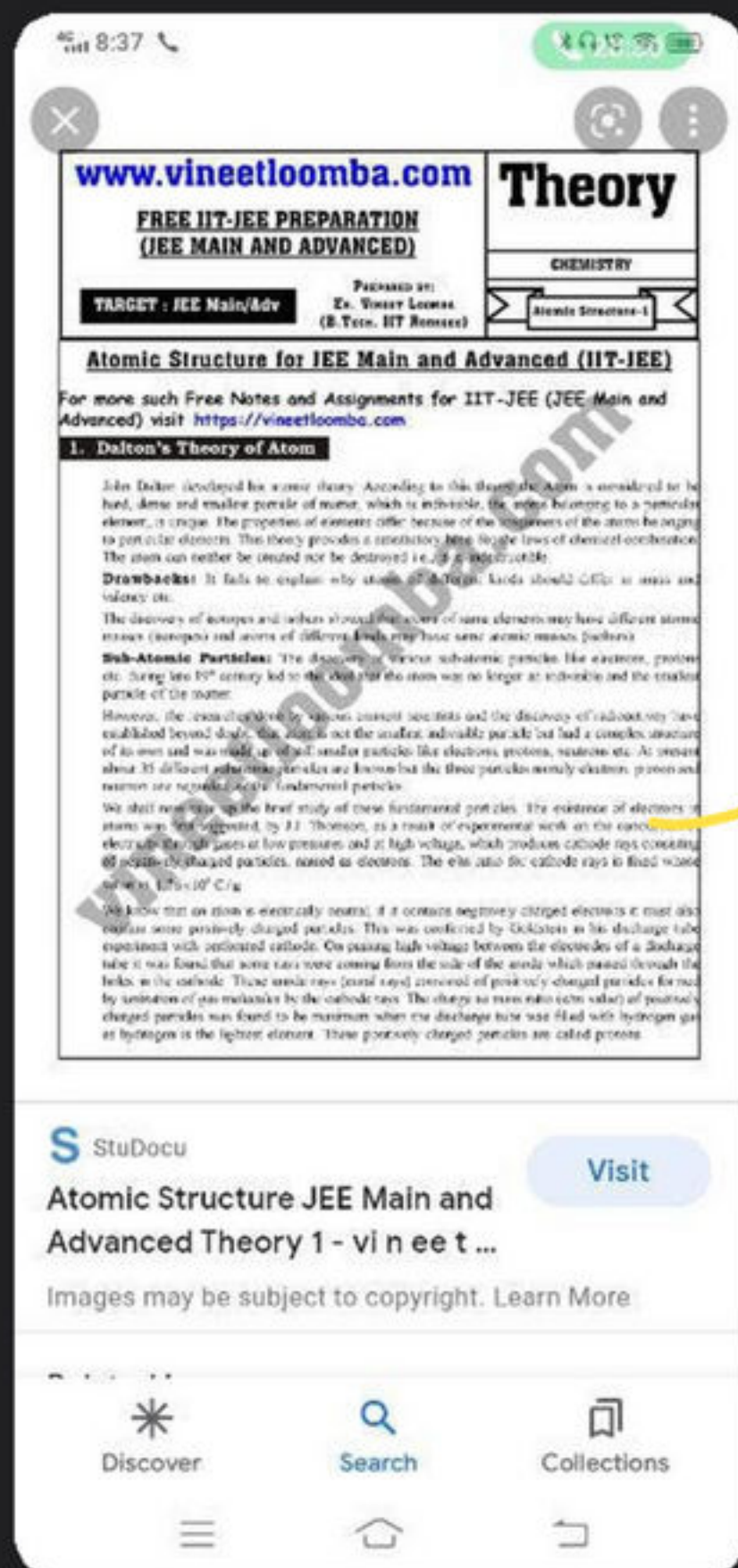
▲ 5 • Asked by Khushi

Please help me with this doubt

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10:00 - 11:00 AM	Maths Revision at night class	Maths Rbc.	Class revision.	Rbc.	Class Revision	Physics Practice
11:30 - 1:00 PM	Phy (Live).	Physics Rbc.	Physics class	Physics class.	Physics class	Physics
2:00 - 3:30	Maths Rbc.	Class	class	class	class	Maths
4:00 - 6:30	Phy class revision and questions.	Physics revision and Maths questions	Maths revision and Physics revision.	Physics Revision and Maths revision.	Phy and Maths	Physics, Maths Rbc and revision.
9:00 - 10:30	Maths Rbc.	Maths class	Rbc.	class.	Rbc.	class
11:00 - 12	O.C (Prac)	O.C - Practice	class	Practice	class	Practice
12-1	I.O.C (Prac)	I.O.C - Practice	class	Practice	class	Practice
1-2	P.C (Prac)	P.C - Practice	Practice	class.	Practice	class

▲ 6 • Asked by Ravi

Ap chemistry bhi padhta hai



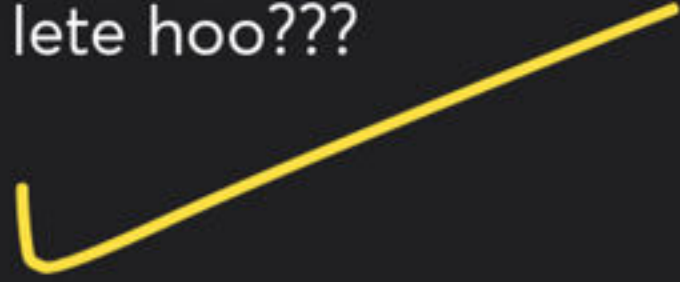
▲ 5 • Asked by Gourav

sir i just wanna say that you are my hero

A thick yellow checkmark is drawn over the text "sir i just wanna say that you are my hero".

▲ 11 • Asked by Aditya Raj

Sir aapp itna khubsurat kaise padha lete hoo???



▲ 3 • Asked by Ashmit Kot...

Sir isme dbt h ye bta dijiye pls..

is q. me 0 and 1 roots mil hi gaye h toh rolles theorem ki kya jarurat hai aur rolles theorem me $f'(x) = 0$ hota hai na toh idhar roots ja bare me kaise comment kar skte h?

108 Let $f(x) = \begin{vmatrix} 1 & 1 & 1 \\ 3-x & 5-3x^2 & 3x^3-1 \\ 2x^2-1 & 3x^5-1 & 7x^8-1 \end{vmatrix}$. Then the equation $f(x) = 0$ has

(A) no real root
(B) at most one real root
(C) at least 2 real roots
(D) exactly one real root in $(0,1)$ and no other real root.

$x=0$
 $f(0) = 0$
 $f(1) = 0$
 Rolle's Thm ✓

$f(1) = \begin{vmatrix} 1 & 1 & 1 \\ 2 & 2 & 2 \\ 1 & 2 & 6 \end{vmatrix} = 0$

one root in $(0,1)$

realme Shot on realme 5 Pro
ER. VINAY LOOMBA (B.TECH. IIT ROORKEE)

Rolle's Thm

▲ 10 • Asked by Shivansh

SIR PASRSO JO AAPNE MUJHE BLOCK kiya tha usme mera
poll nhi aaya tha isiliye maine answer diya tha but fir bhi i
m sorry mujhe aapke bolne ke baad bhi nhi dena chahiye
tha answer .



▲ 5 • Asked by Nimit

sir jo ashwin [100% tha] aapko pata tha vo aapse padhte
hai.....matlab unhe kabhi chat vageyara mei dekha tha

7B1

▲ 4 • Asked by Anshuman

sr ek rbc khtm karne me aur ache samjhne note krne me karib 2.5 2.75 hr bhi ho jate h. aap bataye ek rbc ko max. kitne time me khtm kr dena chahiye

2:75 hr

▲ 4 • Asked by Samarth

sir mere bhaiya ne mujhe ye bheja tab mujhe pata chala ki aapne mera dedication ig par share kiya , thanks sir!!!!

Gold Hat

Dedicated at 100k minutes



Samarth

Dedicated on 30 May 2022



162



1

"Sir main aapse 13 May wale batch se juda, tab se prepration mein kafi ups and downs aaye ,kai bar laga ki sab band kar du but aapke lectures and aapse bohut motivation mila, thank you sir for everythi"

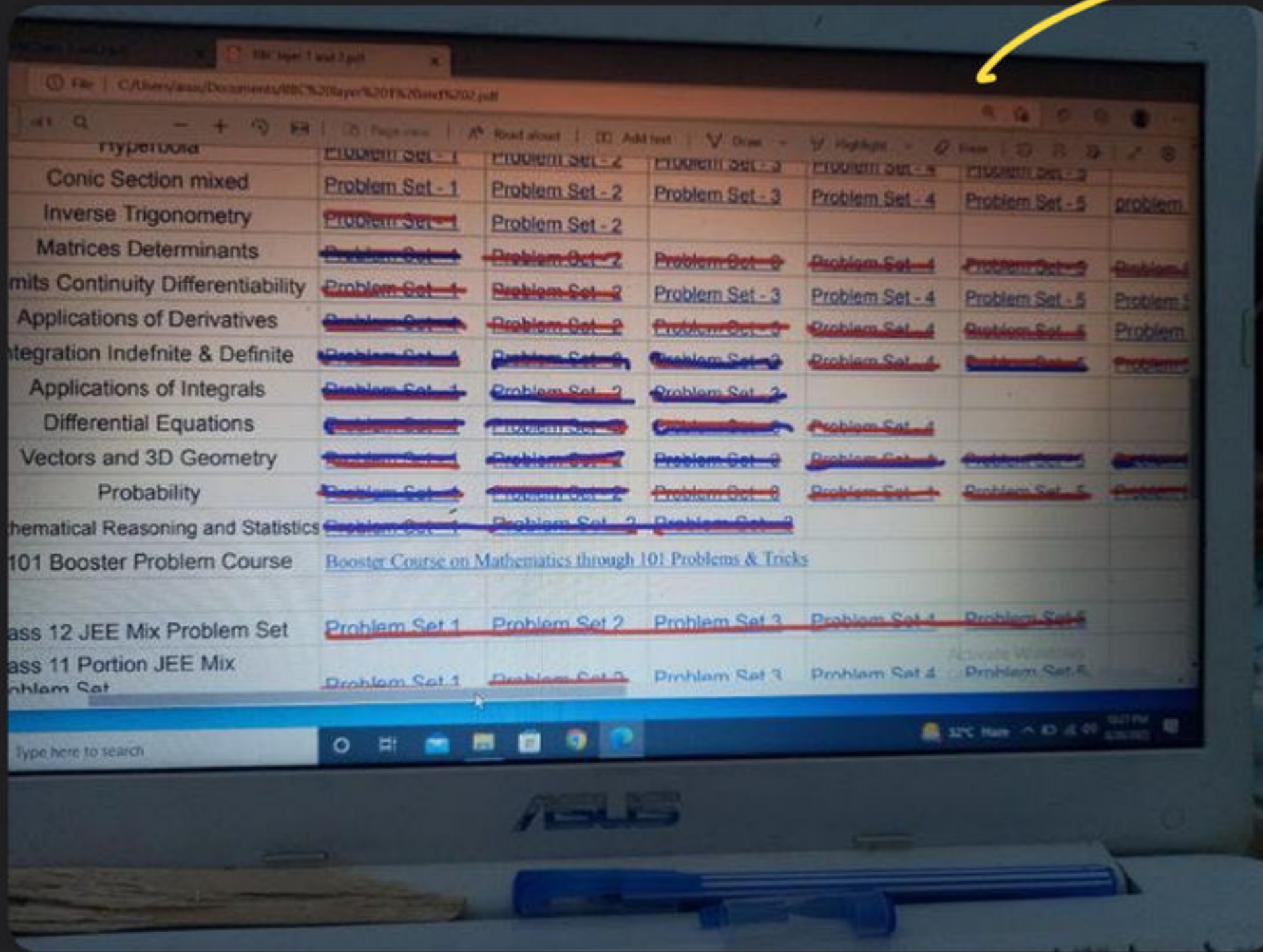
▲ 4 • Asked by Kushagra

✓
sir school me unit test chal rhe hn thodi si rbc ki freq km
krlu?? 2 din me 1 rbc? thank u ... good night sir

✓
Nhi Nhi

▲ 3 • Asked by Yahya

My these are done red once and purple second time

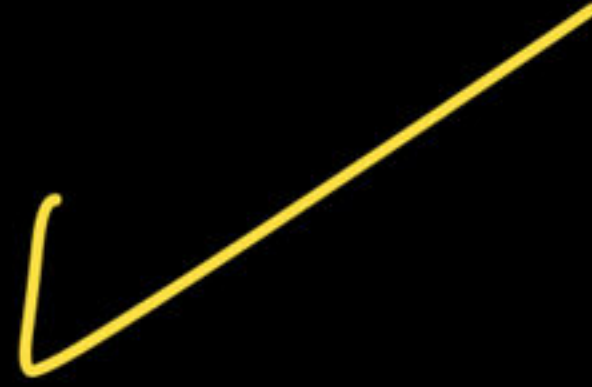


New ✓

bro.

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▲ 3 • Asked by Anurag

namaste sir.....

▲ 6 • Asked by K Megha

hlo sir mujhe nind abhut ati h kya kru

▲ 8 • Asked by Xil Prakha...

sir me bhot hi jyada positive sochta hi is it okay

▲ 2 • Asked by Sourav

good evening sir.....

▲ 2 • Asked by Manvik

finally here after completing 2 week backlog. good to be
here with you sir



▲ 2 • Asked by Ráj

bhaut sara prem sirji apke liye



▲ 3 • Asked by Aditya Raj

Hello sir kaisee hai aap??? Abhi notes hii revise kr rha tha



▲ 2 • Asked by Sujal

good evening sir how are you ?

▲ 3 • Asked by Mayank

Sir Trigonometry Emerge se krun ya excel ka intezaar krun?

▲ 4 • Asked by Sourav

Please help me with this doubt

Daily Routine

- ① Wake up → 5:30 A.M
- ② Math RBC/Revision → 6:00 - 7:30 ✓
- ③ organic class/Revision → 8:00 - 9:30 ✓
- ④ Inorganic class/physical class → 9:45 - 11:15 ✓
- ⑤ Physics class → 11:30 - 1:00 ✓
- ⑥ Math class/Rev → 2:00 - 3:30 ✓
- ⑦ Physics Revision → 4:00 - 5:30 ✓
- ⑧ Chemistry Revision → 6:00 - 7:00 ✓
- ⑨ Physics Practice → 7:30 - 8:30 ✓
- ⑩ Math class → 9:00 - 10:30 ✓
- ⑪ Chem DPP → 10:30 - 11:00
- ⑫ Sleep → 11:00 PM

▲ 4 • Asked by Ankit

Please help me with this doubt



▲ 3 • Asked by Gaurav

mujhe pata hai aapka bday aaraha hai, OMSGAP(o my sir
gave a party)

OMSGAP
✓ ✓ ✓ ✓ ✓

▲ 3 • Asked by Vishal

Hat dedicate kaise kare sir plz help me



HAT



▲ 3 • Asked by Marg

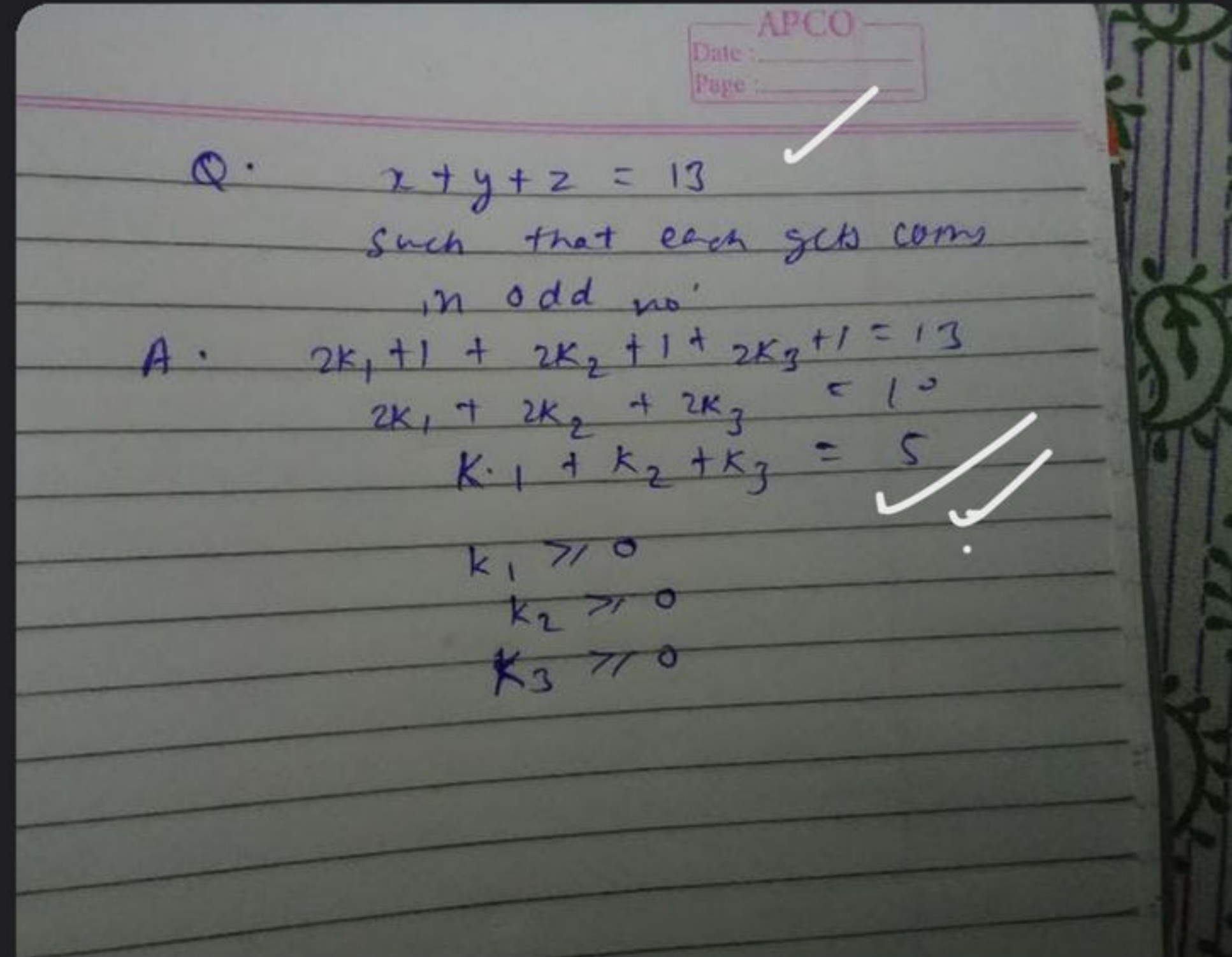
Sir aapka birthday kab hai? (official ya unofficial)

A large, hand-drawn white checkmark is positioned to the right of the question text, indicating that the question has been answered.

▲ 2 • Asked by Khushi

Sir ismein jaruri hota h kya ki k_1 plus k_2 plus k_3 ki value 5 honi chiye

Mtlb aisa koi case homsakta h ki jismein inka total 5 na bne like when k_1 is equal to k_2 equal to k_3 is 1



▲ 3 • Asked by Rushikesh

Please help me with this doubt

ILLUSTRATION 7.19

Evaluate $\int \frac{1}{1 - \tan x} dx$.

2022/8/20 14:33

▲ 2 • Asked by Lakshyaxi

sir abhi integration chal raha hai to appke dpp ke sath ncert
bhi karle??? pls tell

▲ 4 • Asked by Anshu

sir pure din ke last mein pura exhaust ho ja rhe hai SIR KOI
TIP DEDIJIYE

▲ 2 • Asked by Jagannath

Please help me with this doubt

	<u>M/W/F</u>	<u>T/T/S</u>
5.30-6.00	Fresh	Fresh
6.00-7.30	Physics ✓	Physics
8.00-9.30	90C Live ✓	Chemistry Revise
9.45-11.15	Chemistry Revise ✓ H.W	Enthalpy Chemistry class
12.00-1.30	Maths Revise/H.W ✓	Maths Revise/H.W
2.00-3.30	Maths class ✓	Maths class
3.45-5.15	Physics class ✓	Physics Revise/H.W/ class
5.30-7.00	Maths Revise/H.W ✓	Maths Revise/H.W Organic Chemistry class
7.30-9.00	Physics Revise/H.W ✓	Physics Revise/H.W
9.30-11.00	Chemistry Revise ✓	Maths Revise

▲ 2 • Asked by Nikhi

sir 60-75% hi time table follow ho pata hai toh sir kuch suggest kijiye taki complete follow kr sku.....plzzzz

IS hn

12

2