



Learnmagica

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<https://learnmagica.com>



Remote **LEARNING** and **ASSESSMENT**



Live
Classes



Content
Creation



Online
Learning



Online
Tests



Test
Analysis

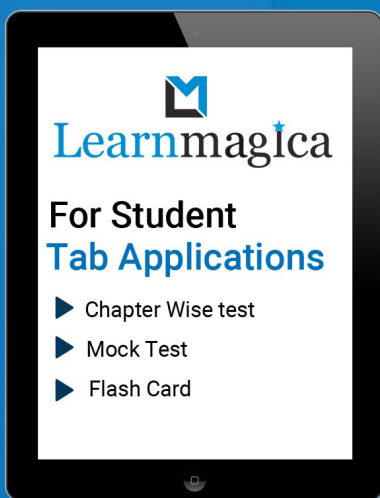
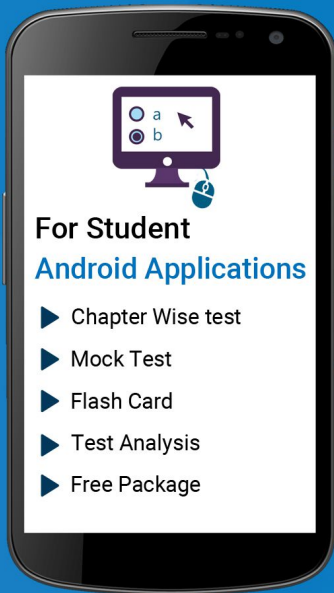
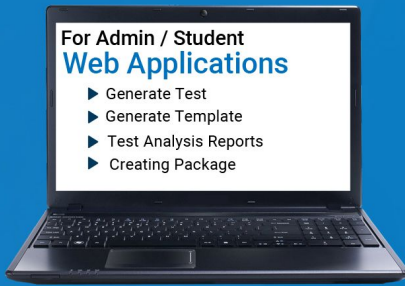


Offline
Tests

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Bridging the gap



- ✓ Live Classes
- ✓ Digital Learning
- ✓ Audio / Video learning
- ✓ Suitable for Competitive Exams
- ✓ JEE/NEET/Banking Coaching IAS / UPSC / MPSC / CET
- ✓ Schools for Quizzes and Competitive exams preparation
- ✓ Corporate Training
- ✓ Subjective type exams with manual evaluation
- ✓ In depth result analysis
- ✓ Can be deployed in LAN server or ONLINE with hosting company
- ✓ Suitable for online test series with Voucher and Online Payment
- ✓ Excellent for CRT (Campus Recruitment Test)
- ✓ Save on paper/trees and administrative costs

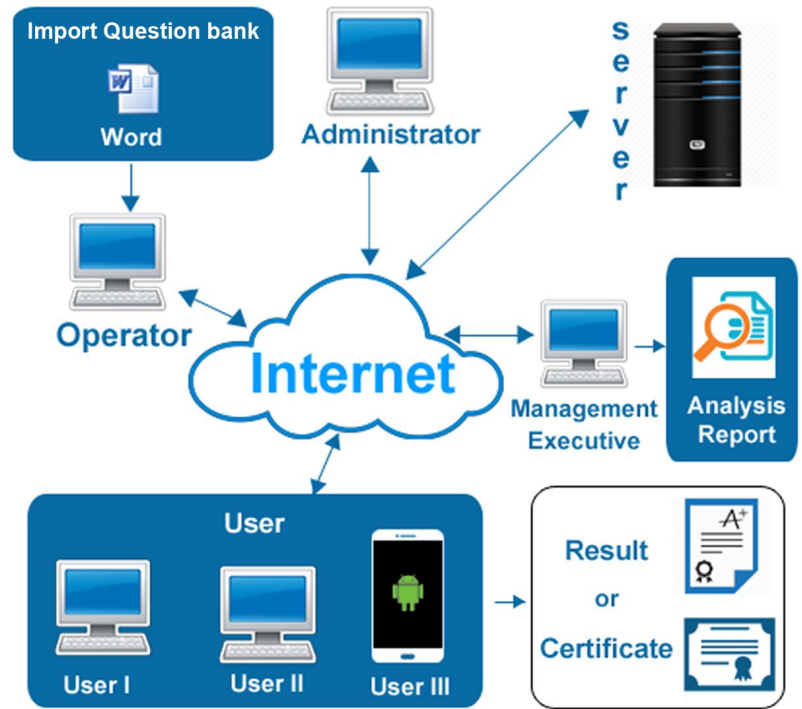


Java Technology

- ✓ Scalable technology
- ✓ Tomcat Server
- ✓ MySQL
- ✓ Android App

Java Technology

online test engine

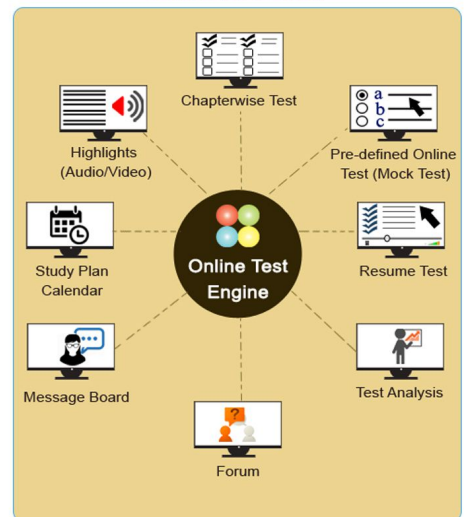
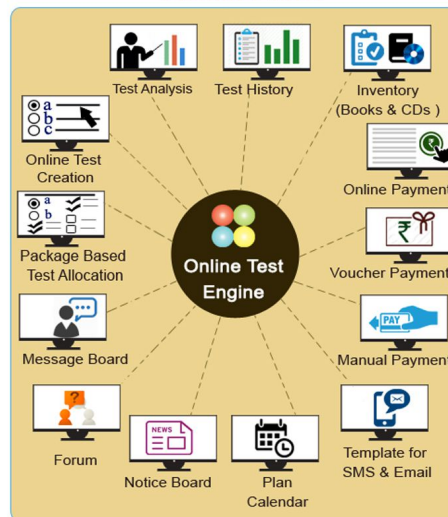


Online Test Engine



Admin Panel

Student Panel



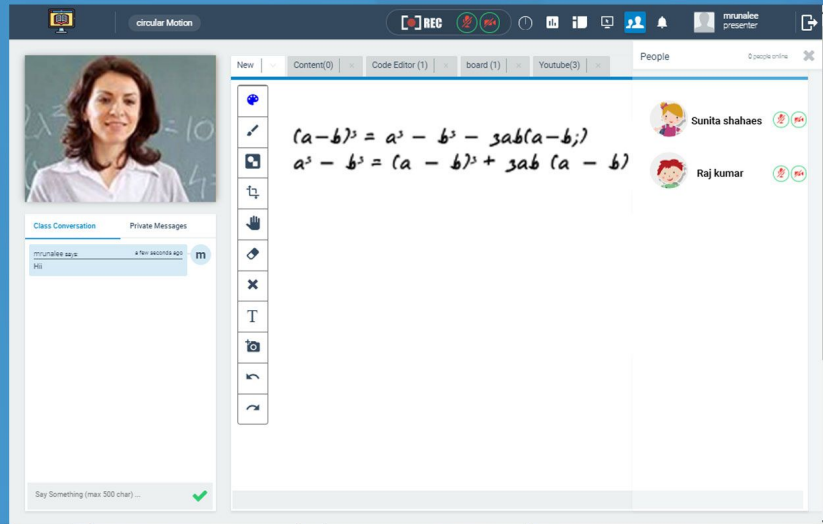


Live Classes

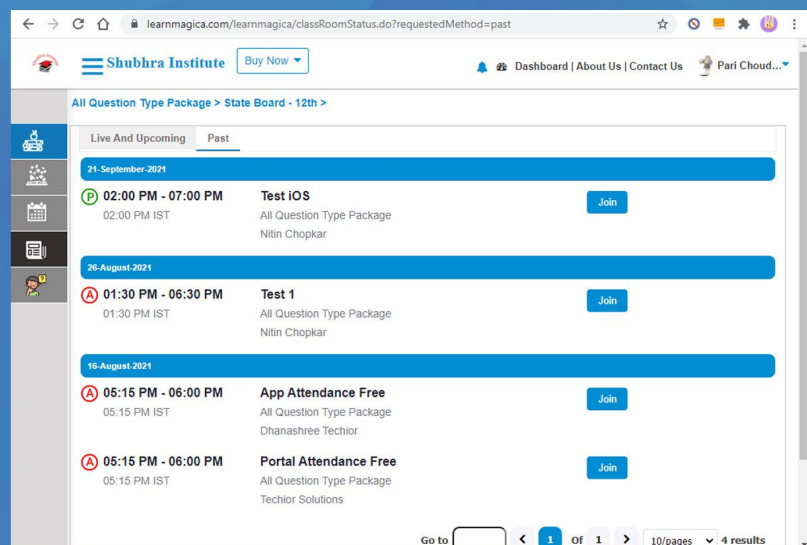
- ✓ Virtual Classroom
- ✓ Live Class Auto Attendance (from Zoom)
- ✓ Recorded video
- ✓ Class Room Provider
- ✓ Presenter Reminder in Email
- ✓ Detailed Classroom Reports
 - Presenter, Provider, Daily Class
 - Schedule multiple class occurrences in one shot (daily, weekly, monthly)
- ✓ Student Present or Absent Indicator in past class List

Live Classes

✓ Virtual Classroom



✓ Student Present or Absent Indicator in past class List



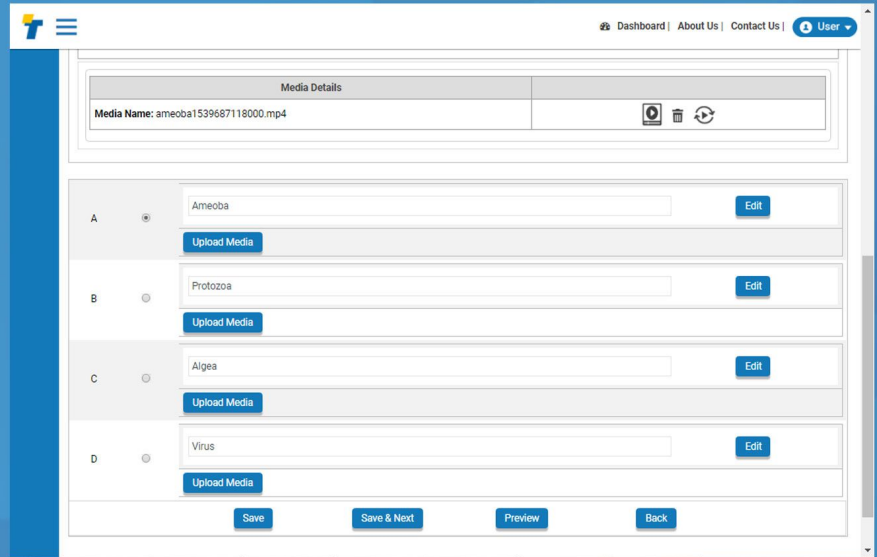


Content Creation

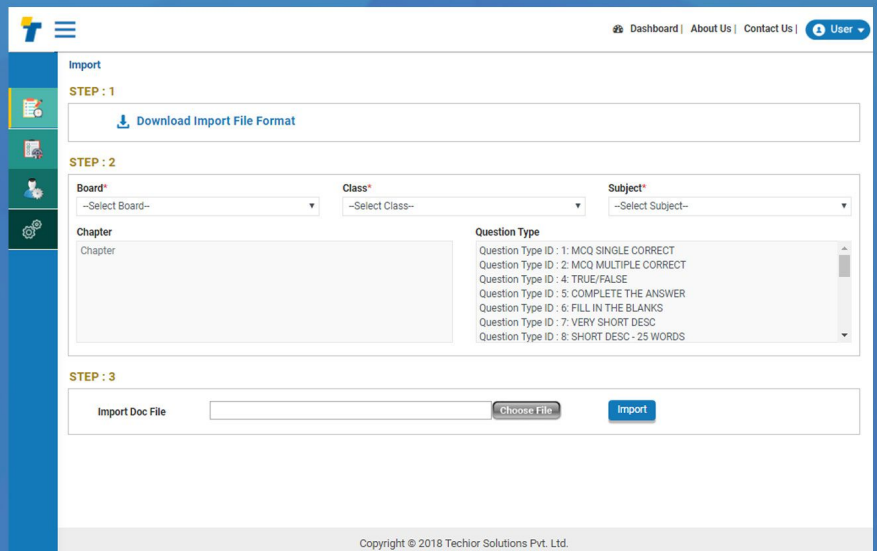
- ✓ Board
- ✓ Class
- ✓ Subject
- ✓ Chapter
- ✓ Topic
- ✓ Questions
- ✓ Insert Audio/Video in question
- ✓ Import from Word
- ✓ FlashCards
- ✓ Export questions for proofreading
- ✓ Export tests for conducting offline test

Content Creation

✓ Insert Audio/Video in question

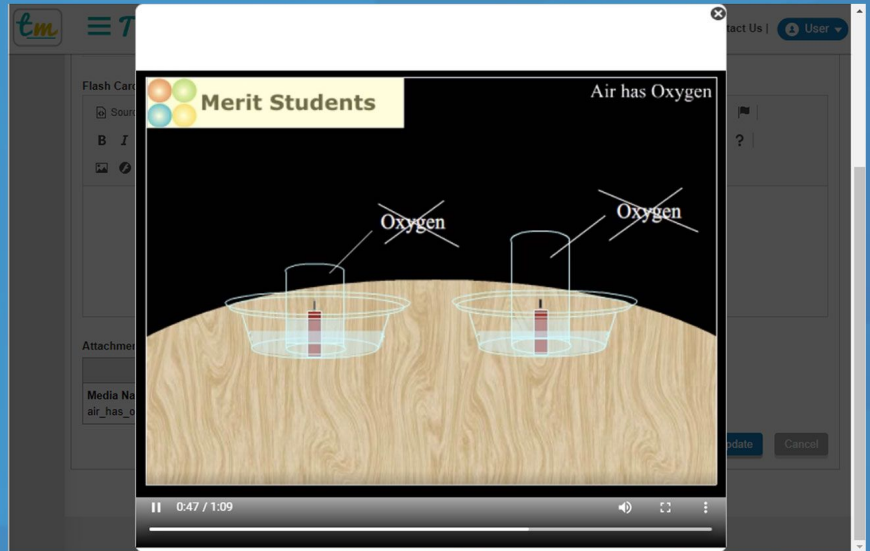


✓ Import from Word





✓ FlashCards (Audio/Video Lesson)



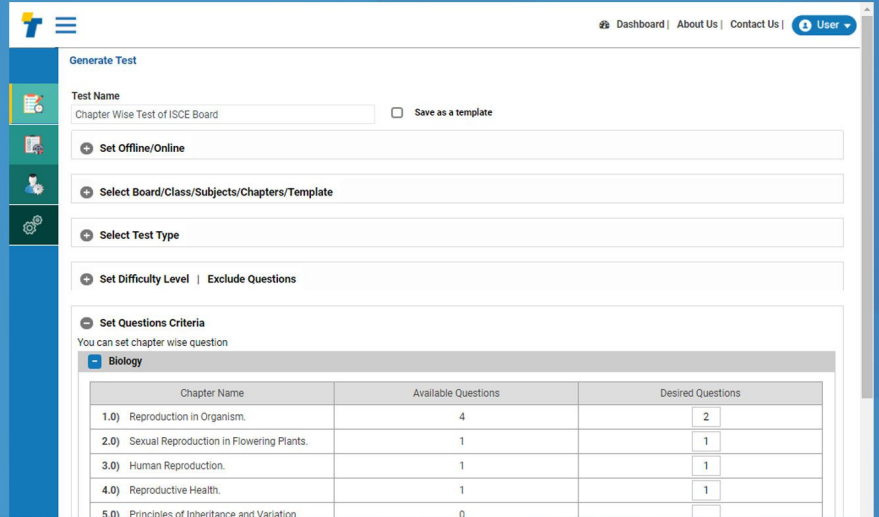


Test Creation

- ✓ Chapter wise Tests
- ✓ Multi Subject Tests
- ✓ Define a Template / Pattern for a test
- ✓ Offline/online tests
- ✓ Multi Class Test Creation
- ✓ Section Wise Test
(Supports NEET 2021 pattern test)

Test Creation

✓ Chapter wise Tests



Generate Test

Dashboard | About Us | Contact Us | User

Test Name
Chapter Wise Test of ISCE Board Save as a template

Set Offline/Online

Select Board/Class/Subjects/Chapters/Template

Select Test Type

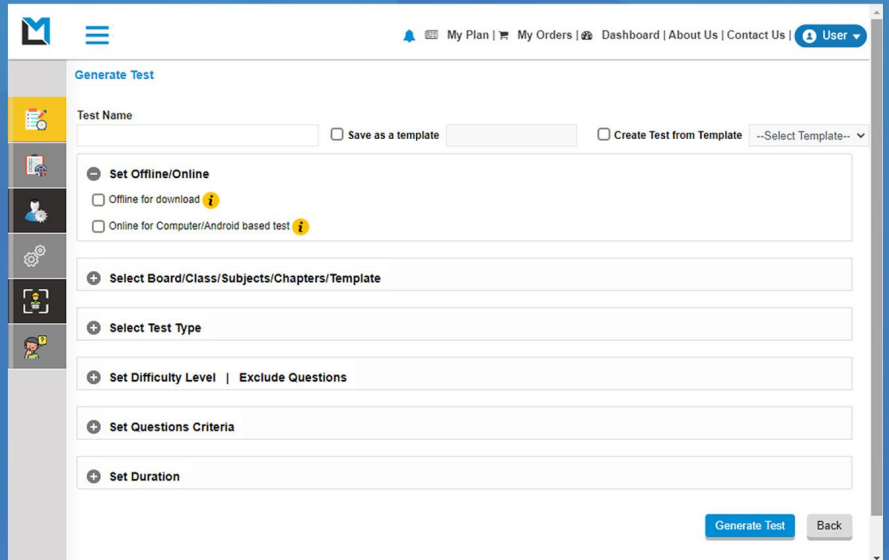
Set Difficulty Level | Exclude Questions

Set Questions Criteria
You can set chapter wise question

Biology

Chapter Name	Available Questions	Desired Questions
1.0) Reproduction in Organism.	4	2
2.0) Sexual Reproduction in Flowering Plants.	1	1
3.0) Human Reproduction.	1	1
4.0) Reproductive Health.	1	1
5.0) Principles of Inheritance and Variation.	0	

✓ Define a Template/Pattern for a test



Generate Test

My Plan | My Orders | Dashboard | About Us | Contact Us | User

Test Name Save as a template Create Test from Template --Select Template--

Set Offline/Online

Offline for download ?

Online for Computer/Android based test ?

Select Board/Class/Subjects/Chapters/Template

Select Test Type

Set Difficulty Level | Exclude Questions

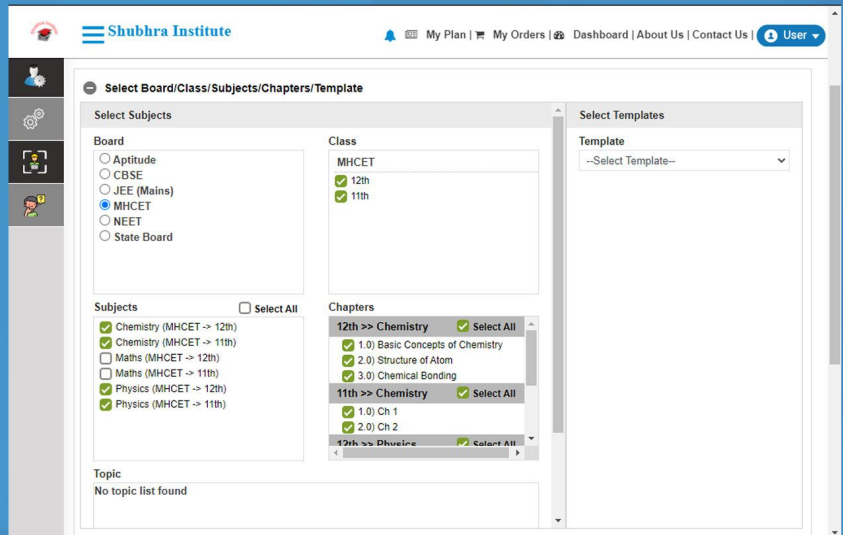
Set Questions Criteria

Set Duration

Generate Test Back

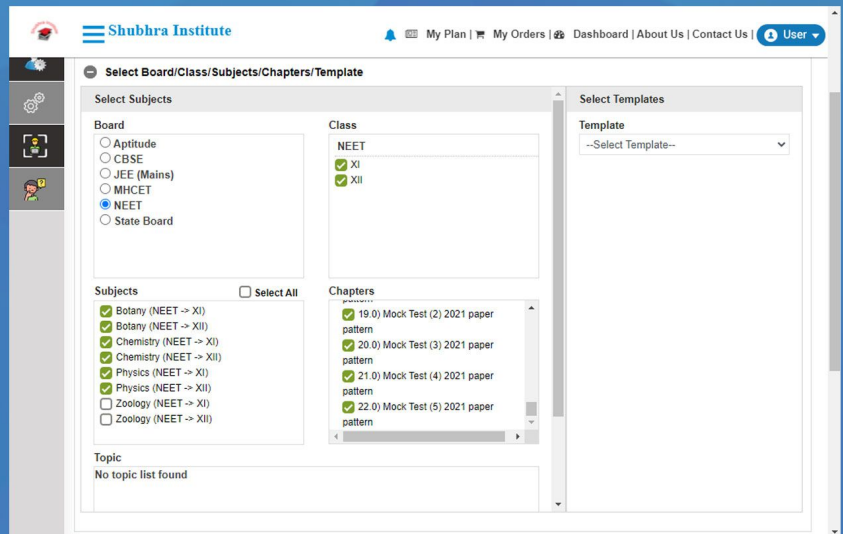


✓ Multi Class Test Creation



The screenshot shows the 'Select Board/Class/Subjects/Chapters/Template' interface. The 'Board' section has 'MHCET' selected. The 'Class' section has '12th' and '11th' selected. The 'Subjects' section has 'Chemistry (MHCET -> 12th)', 'Chemistry (MHCET -> 11th)', 'Physics (MHCET -> 12th)', and 'Physics (MHCET -> 11th)' selected. The 'Chapters' section has '12th >> Chemistry', '11th >> Chemistry', and '12th >> Diverse' selected. The 'Topic' section shows 'No topic list found'.

✓ Section Wise Test



The screenshot shows the 'Select Board/Class/Subjects/Chapters/Template' interface. The 'Board' section has 'NEET' selected. The 'Class' section has 'XI' and 'XII' selected. The 'Subjects' section has 'Botany (NEET -> XI)', 'Botany (NEET -> XII)', 'Chemistry (NEET -> XI)', 'Chemistry (NEET -> XII)', 'Physics (NEET -> XI)', 'Physics (NEET -> XII)', and 'Zoology (NEET -> XII)' selected. The 'Chapters' section has '19.0) Mock Test (2) 2021 paper pattern', '20.0) Mock Test (3) 2021 paper pattern', '21.0) Mock Test (4) 2021 paper pattern', and '22.0) Mock Test (5) 2021 paper pattern' selected. The 'Topic' section shows 'No topic list found'.

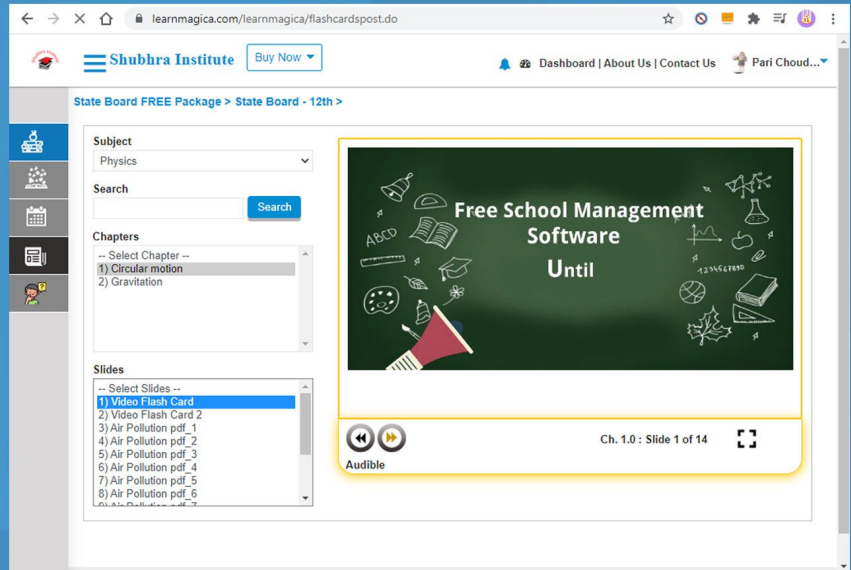


Content Delivery

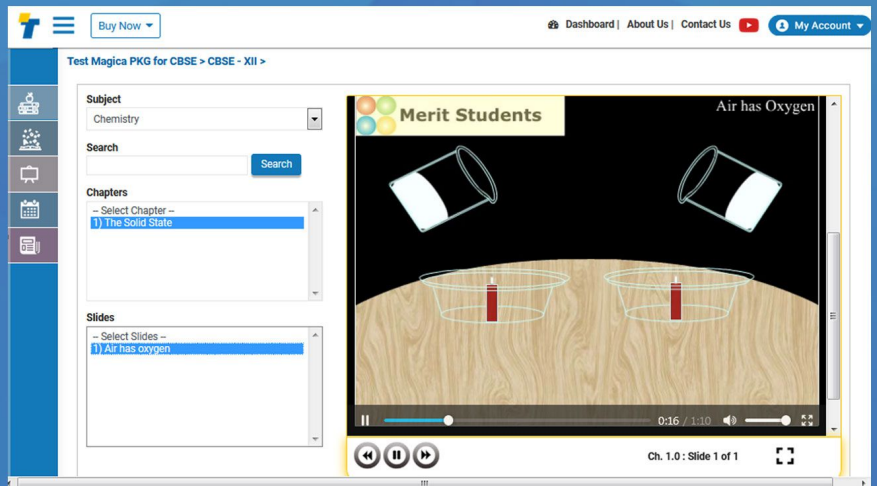
- ✓ Audio content
- ✓ Video content
- Support for YouTube Videos
- Support for Vimeo Videos

Content Delivery

✓ Support for YouTube Videos



✓ Video content





Ecommerce - Online Sale

Ecommerce - Online Sale

- ✓ List items
- ✓ Set Shipping charges
- ✓ Set discounts
- ✓ Order Management

✓ List items

Add Book

Note :
 (*) Uploaded Book Image should be *.bmp, *.jpeg, *.jpg, *.png, *.gif format.
 (*) Uploaded Book Image should not be greater than 285 X 180 dimension (width X height).

Book Name* : Biology

Book Image : Choose File 978007096052... - Copy.jpg

Publisher : Aruna

Author : Aruna

Price * : 150.0

Description :

Apply Tax : Apply Tax

Save Back

✓ Order Management

Order Details

Note: Please select atleast one order to change the status & then click on Change status

Search [] Change Status [X] Download Excel []

First Prev 1 - 2 of 2 Next Last Page Size: 10 Go

<input type="checkbox"/> All	Order No.	Customer Name	Order Status	Order Date	Paid Amount	Particulars		
						Particular Name	Price of Book	Qty
<input type="checkbox"/>	SVTM000000106	Ketki R	New	11-09-2018	630.00	Third Book	700.00	1
<input type="checkbox"/>	TECHRU000000006	demo demo	New	31-08-2016	1100.00		0.00	1

First Prev 1 - 2 of 2 Next Last Page Size: 10 Go

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Debit / Credit Card



Net Banking





Re-evaluate Exams

Re-evaluate Exams

✓ Re-evaluate

The screenshot shows a 'Test Re-evaluation' interface. A modal window titled 'Test Details' is open, displaying the following information:

- Test name : Test Mock 3
- Test Duration : 30 Minutes
- Total Questions : 18
- Total Marks : 36.0
- Total Test Taken : 4

Question Type	Correct Answer	Partially Correct Answer	Wrong Answer
MCQ SINGLE CORRECT	2.0		-1.0
TRUE/FALSE	1.0		0.0
MATCH THE PAIRS	4.0		0.0

Note : Test will be reevaluated as per above question type wise mark setting.

Buttons: Re-evaluate, Cancel

Student Dashboard

Student Dashboard

✓ Dashboard

The screenshot shows a 'Student Dashboard' with the following sections:

- Subscribed (6)**: JEE Mains 2020 - Asmi Campus1
- Available (3)**: Free (1), Pay (2)
- Expired (1)**: STAFF TRAINING [Renew](#)
- Available Tests**:

Test	Duration	Start
Mock Test - JEE Mains	03:00	Start
JEE Mains - Test 2020 1	03:00	Start
JEE Mains	03:00	Start
- Attempted Tests**:

Test	Score	Report
JM Mock	36/36	Report
JEE Mains - Previous Year Paper	120/120	Report
Test 2 - Previous Year Paper	11/24	Report
- Upcoming Tests**:

Test	Date	Start
Test Mock 3	24-02-2020 at 10:41 AM	Start
- Preparation Meter**
- Preparation Index**
- Performance Report**
- Today's events** (8)
- News & Announcements**



ONLINE TEST

Test Rendering

- ✓ MCQ questions rendering
- ✓ Subjective questions rendering
- ✓ Marking questions for review
- ✓ Multi Subject tests

Test Rendering

✓ MCQ questions rendering

The screenshot shows a test interface for 'Test...JEE- Mains_Class-XII'. The subject is 'Chemistry'. The question is: 'Which of the following is true?' with four radio button options: (1) $\mu_{rms} > v > \alpha$, (2) $\mu_{rms} < v < \alpha$, (3) $\mu_{rms} > v < \alpha$, and (4) $\mu_{rms} < v > \alpha$. The interface includes a 'Question Palette' on the right with 24 numbered buttons, a legend for 'Answered', 'Marked', 'Not Answered', and 'Not Visited', and a 'Submit' button at the bottom.

✓ Subjective questions rendering

The screenshot shows a test interface for 'Test_CBSE_Class-XII'. The subject is 'Biology'. The question is: 'Explain the terms - (a) DNA sequencing (b) Chimeric DNA'. Below the question is a text box with the answer: 'DNA Sequencing is the process of defining the accurate order of nucleotides along chromosomes and genomes.' There is an 'Add Attachment' section with a table showing a file named 'img-1' with a DNA double helix image. The interface includes a 'Question Palette' on the right with 24 numbered buttons, a legend for 'Answered', 'Marked', 'Not Answered', and 'Not Visited', and a 'Submit' button at the bottom.

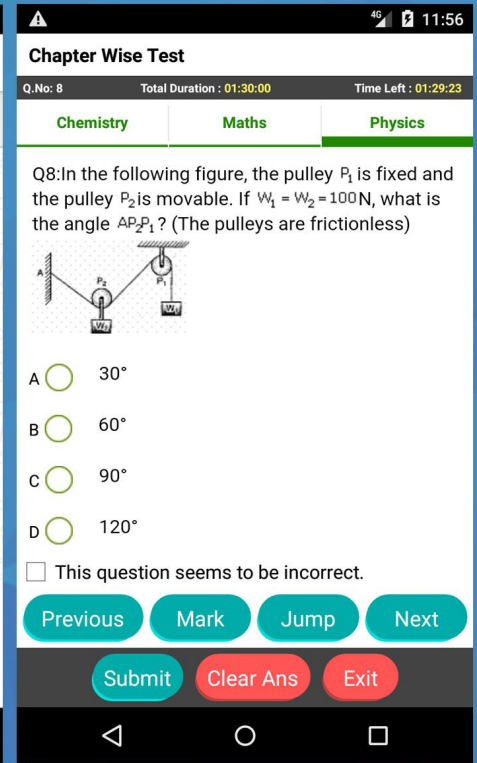
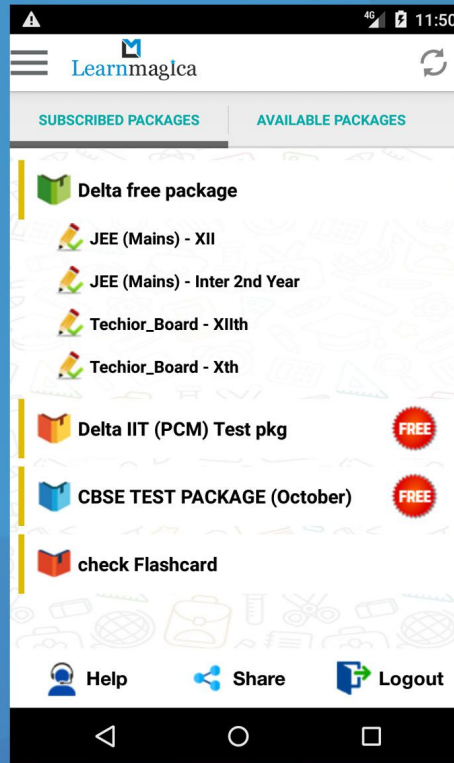


Android App

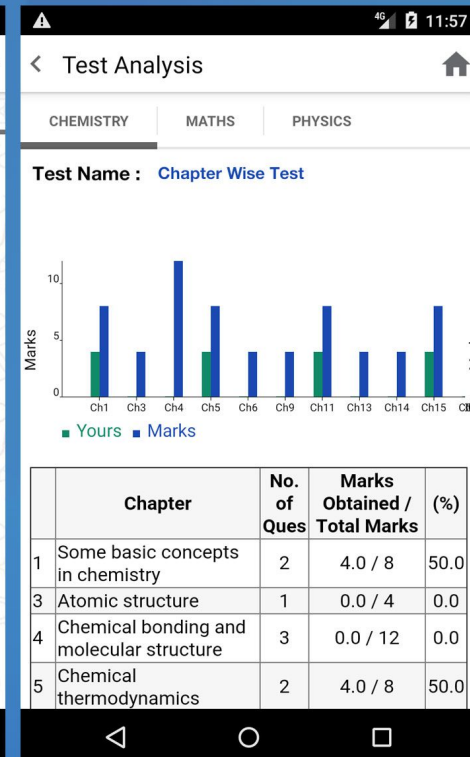
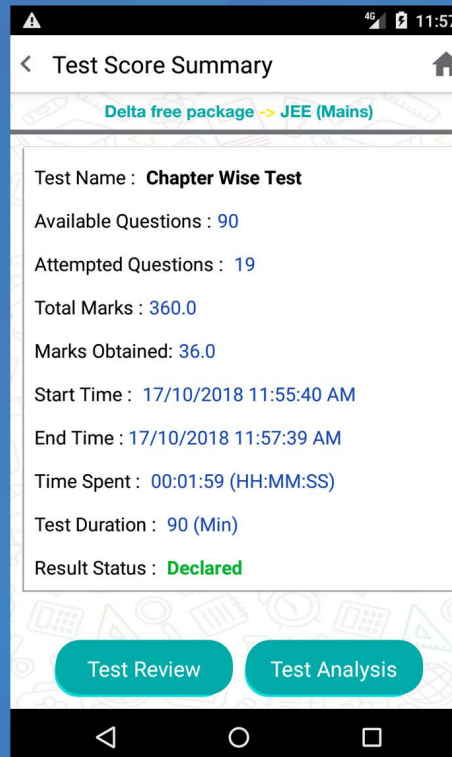
- ✓ Test rendering
- ✓ Test Result

Android App

✓ Test rendering



✓ Test Result



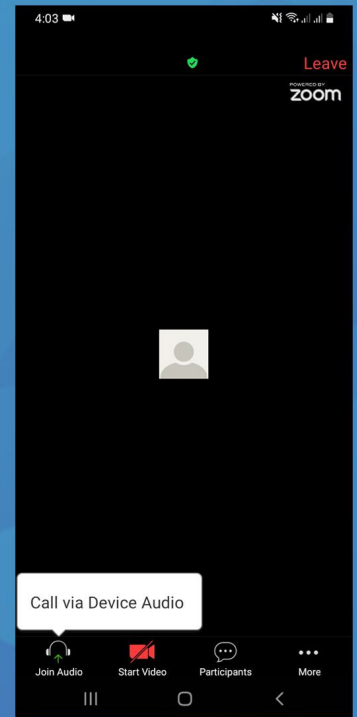
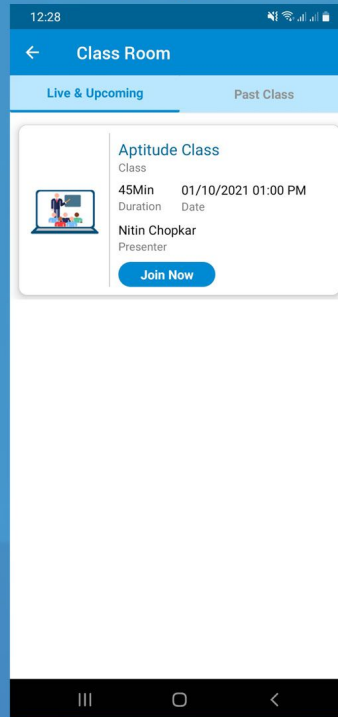


Live Classes

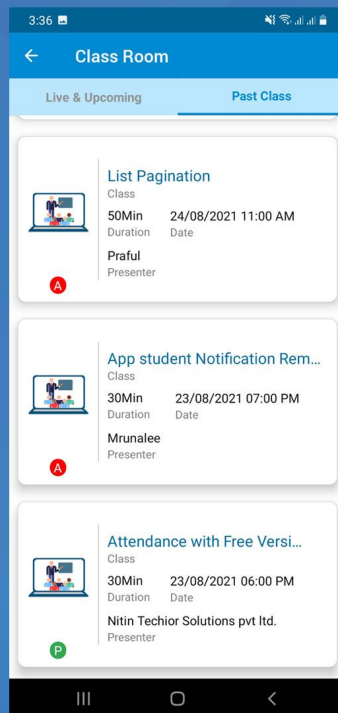
- ✓ Live Class list / join
- ✓ Student Present or Absent Indicator in past class List
- ✓ Class room reminder notification on student's mobile
- ✓ Recent News

Android App

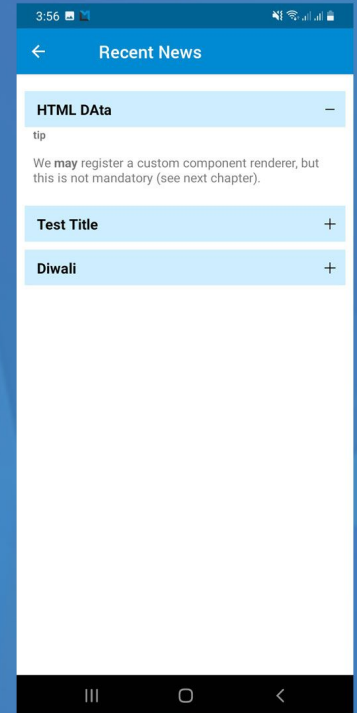
✓ Live Class list / join



✓ Student Present or Absent Indicator



✓ Recent News





Ask a doubt

- ✓ Mobile notification when doubt is answered

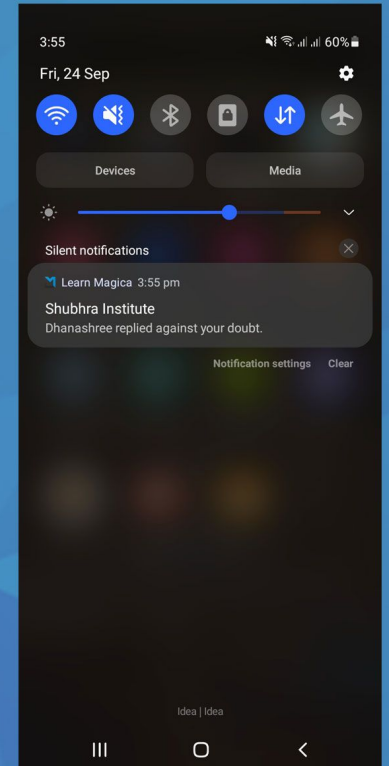
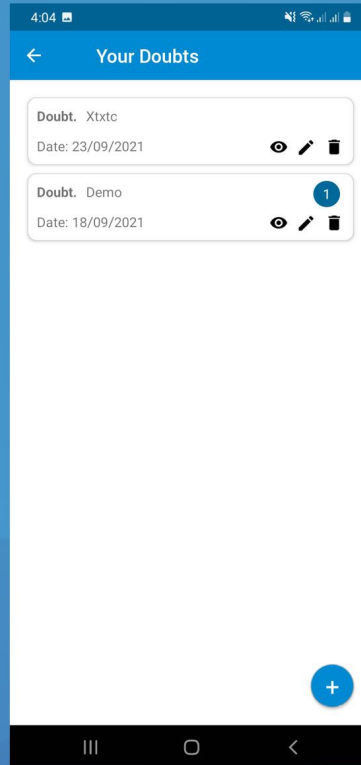
Notification

- ✓ Announcement Notification
- ✓ Test reminder Notification
- ✓ Live class reminder Notification

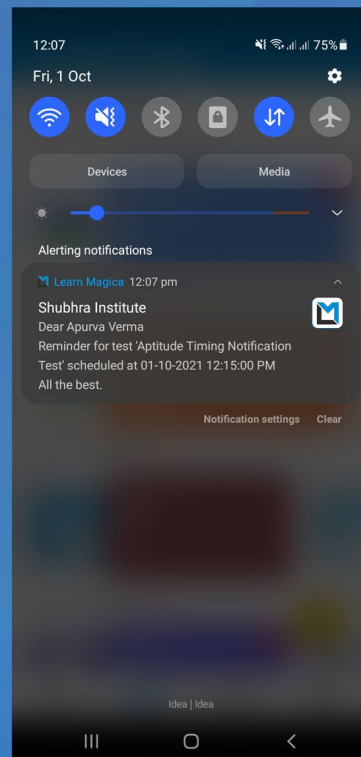


Android App

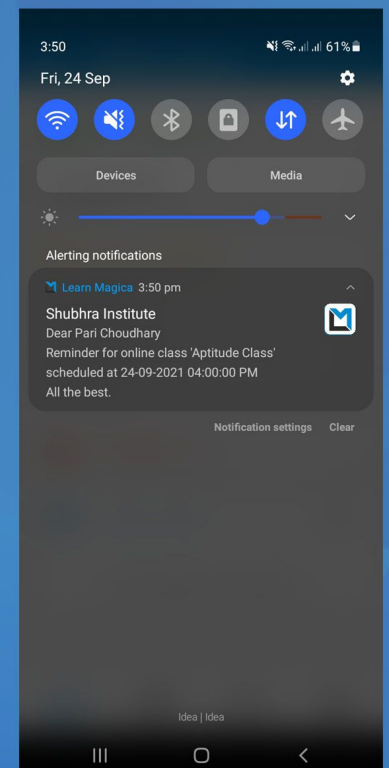
✓ Ask a doubt



✓ Test reminder Notification



✓ Live class reminder Notification





Test Analysis

- ✓ Test Result
- ✓ Chapterwise Analysis
- ✓ Difficulty-level wise Analysis
- ✓ Question wise Time Spent
- ✓ Rank-wise Analysis

Test Analysis

✓ Test Result

Test Report Analysis

Test_-_JEE- Mains_Class-XII Student: Mohit Kale

Test Summary

Questions	Time	Marks
CORRECT : 95	TIME : 00:47:04	OBTAINED : 380.0
Total : 300	Start : 16/10/2018 11:31 AM	Total : 1200.0
Attempted : 299	End : 16/10/2018 12:18 PM	Percentage : 31.67%

Chapter wise Analysis

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✓ Chapterwise Analysis

Chapter Wise Analysis (Maths)

Maths | Chemistry | Physics

Chapter Wise Analysis (Maths)

Legend: Total Marks (Orange), Marks Obtained (Green)

Chapter	Number Of Questions	Total Marks	Marks Obtained	Percentage(%)
Ch. 1.0 Sets, Relations and Functions	3	12.0	0.0	0.0
Ch. 2.0 Complex numbers and quadratic	8	32.0	16.0	50.0



Ask A Doubt

- ✓ Student can ask a doubt
- ✓ Subject teacher can reply to clear the doubt
- ✓ Student can see teacher's replies

Ask A Doubt

✓ Admin Side Ask A Doubt

Post

Board : JEE (Mains) Class : XII Subject : Physics

Aniket Bose Posted Date : 26-04-2021 02:49:32 PM

Hello Sir, I am having difficulty in solving below question

A long solenoid has 1000 turns. When a current of 4 A flows through it, the magnetic flux linked with each turn of the solenoid is $4 \times 10^{-4} \text{ Wb}$. The self inductance of the solenoid is

Here, I am unable to understand the concept of self inductance. I have also attached a video while trying to attempt the question. Let me know where I am going wrong.

Recorded Video

Cameron Posted Date : 26-04-2021 03:35:11 PM

Hello Ankit,

The solution for your question is quite simple

Self inductance of solenoid is given by below formula, just put in the values correctly and you'll get the answer.

$$L = \frac{\mu_0 N^2}{l}$$

Note that, the self-inductance of a long solenoid depends only on its physical properties (such as the number of turns of wire per unit length and the volume), and not on the magnetic field or the current.

I have also attached explanation for the solution in attachment, please check

• Self inductance of a solenoid_1619469696084.png

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✓ Student Side Ask A Doubt

Post

Board : JEE (Mains) Class : XII Subject : Physics

Aniket Bose Posted Date : 26-04-2021 02:49:32 PM

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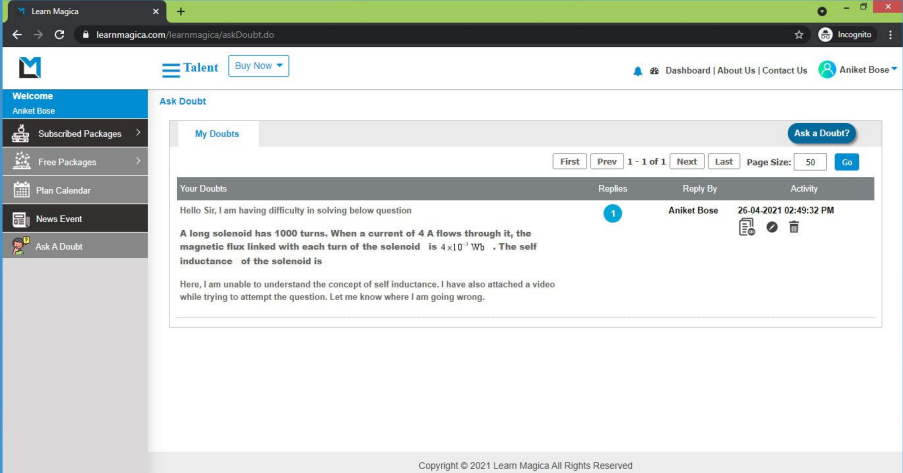
I have also attached explanation for the solution in attachment, please check

• Self inductance of a solenoid_1619469696084.png

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✓ Student Side Ask A Doubt Grid



The screenshot displays the 'Ask A Doubt' grid on the Learnmagica website. The interface includes a navigation menu on the left with options like 'Welcome', 'Subscribed Packages', 'Free Packages', 'Plan Calendar', 'News Event', and 'Ask A Doubt'. The main content area shows a table of questions:

Your Doubts	Replies	Reply By	Activity
<p>Hello Sir, I am having difficulty in solving below question</p> <p>A long solenoid has 1000 turns. When a current of 4 A flows through it, the magnetic flux linked with each turn of the solenoid is $4 \times 10^{-3} \text{ Wb}$. The self inductance of the solenoid is</p> <p>Here, I am unable to understand the concept of self inductance. I have also attached a video while trying to attempt the question. Let me know where I am going wrong.</p>	1	Aniket Bose	26-04-2021 02:43:32 PM

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LeaderBoard

- ✓ Test Level
- ✓ Package Level

LeaderBoard

✓ Test Level

Test Name: JEE Mains 2021 Mock Test
Leader Board
(Total Students: 9)

Rank	Name	No. of Attempts	Marks Obtained
1	Ankit Sharma (120.00 M) (No. of Attempts : 1)	1	120.00
2	Sumitra Sood (116.00 M) (No. of Attempts : 1)	1	116.00
3	Liya Fernandes (112.00 M) (No. of Attempts : 1)	1	112.00
4	Kirti Seth	1	108.00
5	Disha Pariwal	1	104.00
6	Akshay Kumar	1	100.00
7	Vikrant Dubole	1	96.00
8	Dev Khatri	1	92.00
9	Pratiksha Wani	1	88.00

✓ Package Level

Board Name: JEE Mains 2021
Leader Board
(Total Students: 9)

Rank	Name	Test Taken	Avg Percentage
1	Liya Fernandes (93.33 %) (Test Taken : 1)	1	93.33 %
2	Ankit Sharma (86.67 %) (Test Taken : 3)	3	86.67 %
3	Kirti Seth (86.67 %) (Test Taken : 3)	3	86.67 %
4	Sumitra Sood	3	83.33 %
5	Vikrant Dubole	1	80.00 %
6	Disha Pariwal	2	73.33 %
6	Pratiksha Wani	1	73.33 %
7	Dev Khatri	5	70.67 %
8	Akshay Kumar	4	68.33 %

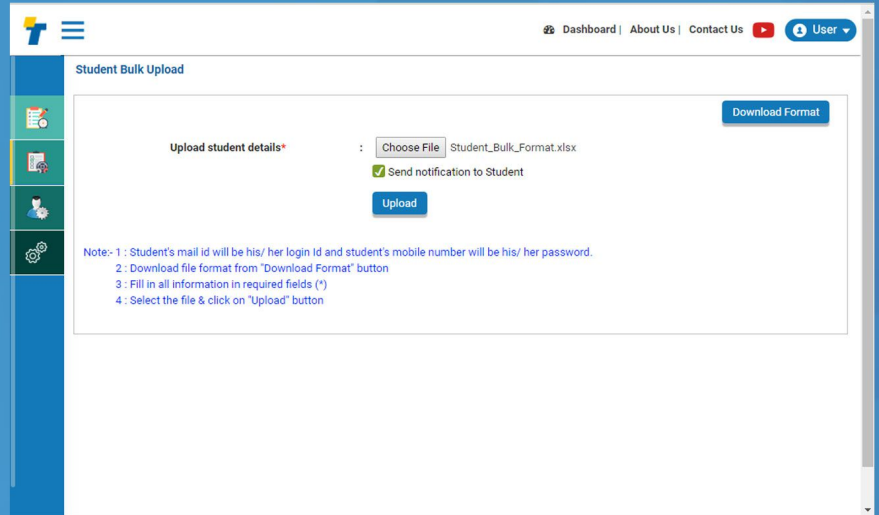


Student Management

- ✓ Import Students
- ✓ Student Registration
- ✓ Marking paid students
- ✓ Changing password
- ✓ Set student profile pic

Student Management

✓ Import Students



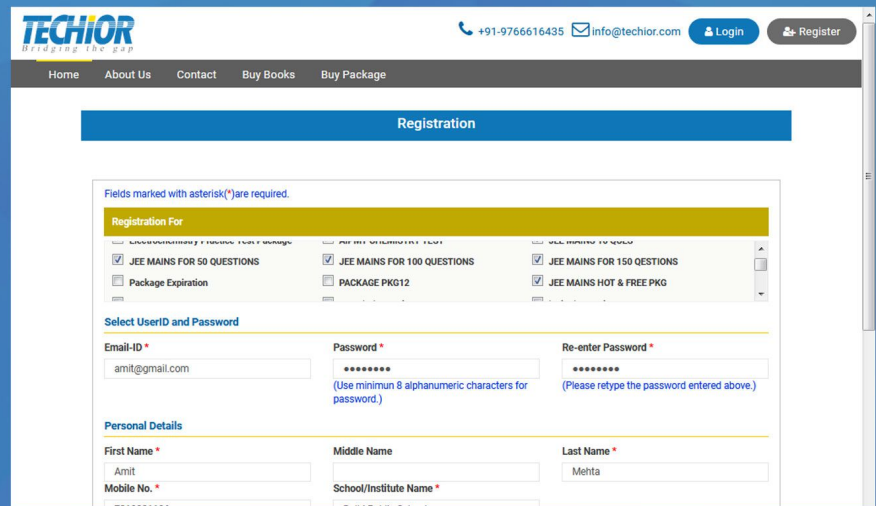
Student Bulk Upload

Upload student details* : Student_Bulk_Format.xlsx

Send notification to Student

Note:- 1: Student's mail id will be his/ her login id and student's mobile number will be his/ her password.
2: Download file format from "Download Format" button
3: Fill in all information in required fields (*)
4: Select the file & click on "Upload" button

✓ Student Registration



TECHIOR Bridging the gap

+91-9766616435 | info@techior.com | Login | Register

Home | About Us | Contact | Buy Books | Buy Package

Registration

Fields marked with asterisk(*) are required.

Registration For

JEE MAINS FOR 50 QUESTIONS JEE MAINS FOR 100 QUESTIONS JEE MAINS FOR 150 QUESTIONS

Package Expiration PACKAGE PKG12 JEE MAINS HOT & FREE PKG

Select UserID and Password

Email-ID *

Password *
(Use minimum 8 alphanumeric characters for password.)

Re-enter Password *
(Please retype the password entered above.)

Personal Details

First Name *

Middle Name

Last Name *

Mobile No. *

School/Institute Name *

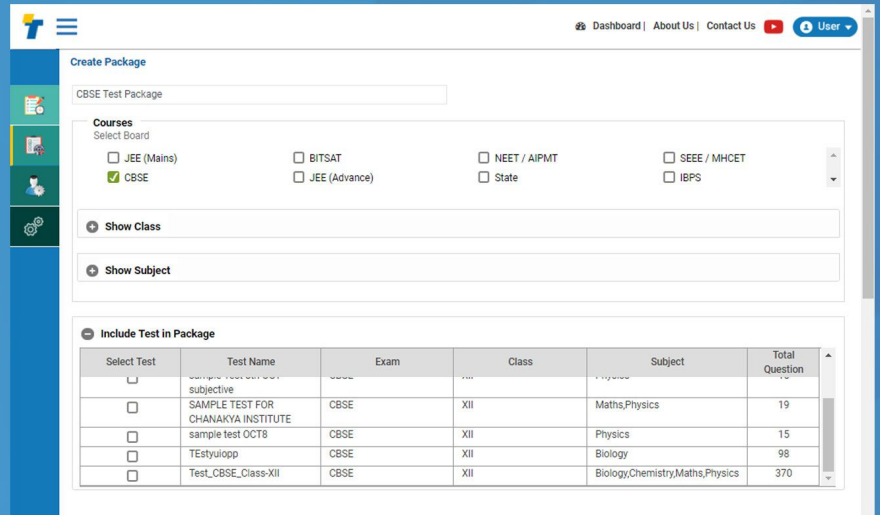


Package Management

- ✓ Create Packages for Marketing
- ✓ Provide Free tests
- ✓ Set pricing
- ✓ Set Expiry
- ✓ Bulk Assign package to students

Package Management

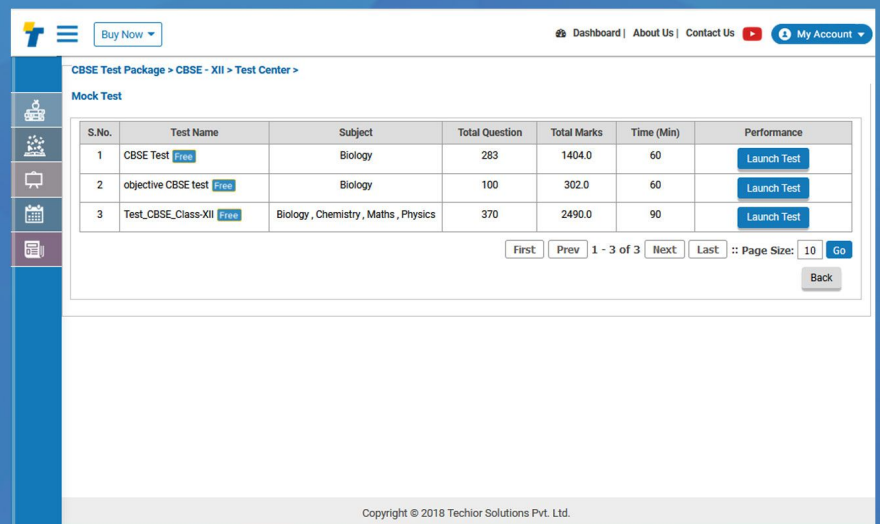
✓ Create Packages for Marketing



The screenshot shows the 'Create Package' interface. At the top, there's a navigation bar with 'Dashboard', 'About Us', 'Contact Us', and a user profile. Below that, the 'Create Package' form is visible. It includes a search bar for 'CBSE Test Package'. Under the 'Courses' section, there are checkboxes for 'JEE (Mains)', 'BITSAT', 'NEET / AIPMT', 'SEEE / MHCET', 'CBSE' (checked), 'JEE (Advance)', 'State', and 'IBPS'. There are also 'Show Class' and 'Show Subject' buttons. At the bottom, there's a table titled 'Include Test in Package' with columns for 'Select Test', 'Test Name', 'Exam', 'Class', 'Subject', and 'Total Question'.

Select Test	Test Name	Exam	Class	Subject	Total Question
<input type="checkbox"/>	subjective	CBSE	XII	Physics	19
<input type="checkbox"/>	SAMPLE TEST FOR CHANAKYA INSTITUTE	CBSE	XII	Maths,Physics	19
<input type="checkbox"/>	sample test OCT8	CBSE	XII	Physics	15
<input type="checkbox"/>	TEstyulopp	CBSE	XII	Biology	98
<input type="checkbox"/>	Test_CBSE_Class-XII	CBSE	XII	Biology,Chemistry,Maths,Physics	370

✓ Provide Free tests



The screenshot shows the 'Mock Test' interface. It has a navigation bar with 'Dashboard', 'About Us', 'Contact Us', and 'My Account'. Below that, there's a breadcrumb trail: 'CBSE Test Package > CBSE - XII > Test Center > Mock Test'. A table lists mock tests with columns for 'S.No.', 'Test Name', 'Subject', 'Total Question', 'Total Marks', 'Time (Min)', and 'Performance'. Each row has a 'Launch Test' button. At the bottom, there are pagination controls: 'First', 'Prev', '1 - 3 of 3', 'Next', 'Last', 'Page Size: 10', and 'Go'. A 'Back' button is also present.

S.No.	Test Name	Subject	Total Question	Total Marks	Time (Min)	Performance
1	CBSE Test Free	Biology	283	1404.0	60	Launch Test
2	objective CBSE test Free	Biology	100	302.0	60	Launch Test
3	Test_CBSE_Class-XII Free	Biology , Chemistry , Maths , Physics	370	2490.0	90	Launch Test