

Test Generator ++ (TG ++)

Version 2.1

Quick-Start Guide

&

User Guide

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Quick Start Guide for Test Generator ++

Data Management:

Step 1: Acquire Appropriate License

Obtain either Trial or Premium License by contacting Techior Solutions Private limited.

Step 2: Data Creation/ Acquisition

Create data using Test Generator ++ Data Entry Module. Test Generator ++ uses hierarchy of **Board > Class > Subject > Chapter > Topic > Questions**. Click on “Courses” tab on left panel and select appropriate entity to add.

Import data from word document. You can use the built in utility to import data from Word document. Click on “Import” tab on the left panel and select the appropriate entity.

Use the existing databank provided by Techior. Techior has developed question bank for CBSE, State, MHT-CET, AIEEE, BITSAT, JEE (Main), JEE (Advance) and Aptitude. This will save you lot of time and money. Click on “Configuration” tab on the left panel and select “Database” to choose your database.

You can export entered data to proof read by exporting it to word. Click on “Export” tab on the left panel and select the “To Word”.

Step 3: Test Creation

Create Test using various criteria. You can choose the criteria you want like chapters, difficulty level, number of questions, marks etc. Click on “Generate” tab on the left panel and select “Generate Tests”.

Create a template that you use again and again to create different tests using the same test criteria. Click on “Generate” tab on the left panel and select “Generate Template”.

Step 4: Exporting to Word document for printing

Once the tests are created you can export to word for printing purpose. You can set the header or footer for the test to have institute logo, name, phone, address etc. You can create two column output to save on paper. You can also create multiple sets for the same questions on test. Answer keys are provided for objective type examinations that you can provide to students after the test. Detailed answers are also provided for test questions if you opt for Generate Answers on export screen.

Administrative

Configuration:

Connect to a database. Click on “Configuration” tab on the left panel and select “Database” to choose and connect your database.

Take a Backup. It is important to take regular backup in order to save your data in case of any failure like disk crash or virus attack. Click on “Configuration” tab on the left panel and select “Backup & Restore”.

Restore your data. In case your database ever gets corrupted, deleted or is lost due to disk crash or virus attack, you can restore data from a previously backed-up database. Click on “Configuration” tab on the left panel and select “Backup & Restore”.

User Management:

Add different users and provide them different permissions. This adds to security that users can access only those modules that are assigned to them.

Language:

Add language here then you can convert added question in that added language.

Trial License Window:

When you start the application for the first time, you will see the following license window:

Test Generator++

☒ Trial ☐ Premium

Machine Code : **6165**

 **Unlock**

Application Key :

Unlock Key :

Contact Techior Solutions Pvt. Ltd. at 9766616435 or send email at info@techior.com to get the application key and Unlock key after providing the above Machine Code.


Login to Test Generator ++ (Trial Version):

Test Generator ++2.1

9766616435 | info@techior.com No User Logged In

Connected To :

Test Generator++

 **Login**

User Id :

Password :

License Type : Trial Version [Upgrade to Premium](#)

Trial license will be valid till 27/10/2015

☐ Connect To Network

Copyright 2017-2015 Test Generator++

Note: Question entry in the trial version is limited to a maximum of 50 questions. If this limit is exceeded during question entry, Import and Restore, then the following message window will be prompted:



Upgrade to Premium Version:

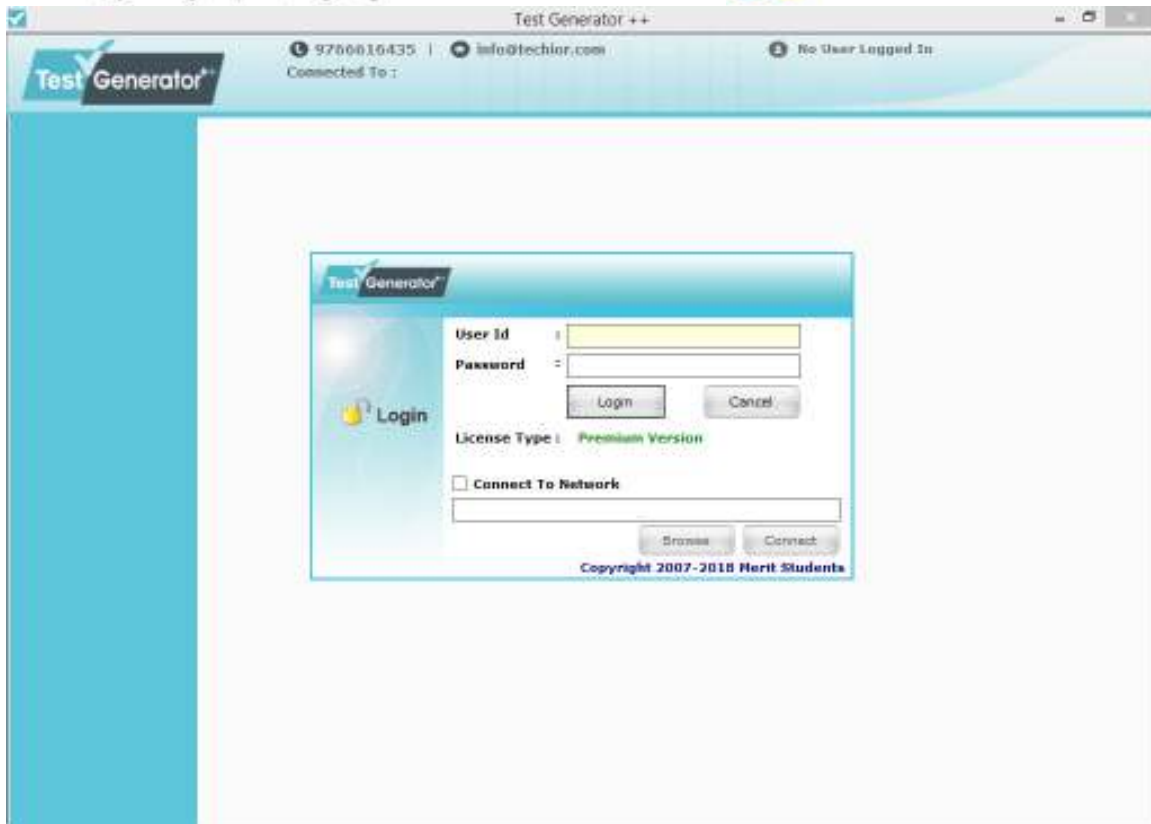
When you are ready to start using the Premium Version, click on “UpgradeToPremium” to open the below license window.

Then call Techior Solutions @ 9766616435 and give the complete 4-digit “Machine Code” generated in the below license window to obtain the Application Key and Unlock Key.

Once you have the Application Key and Unlock Key, enter the same below and click “OK”.

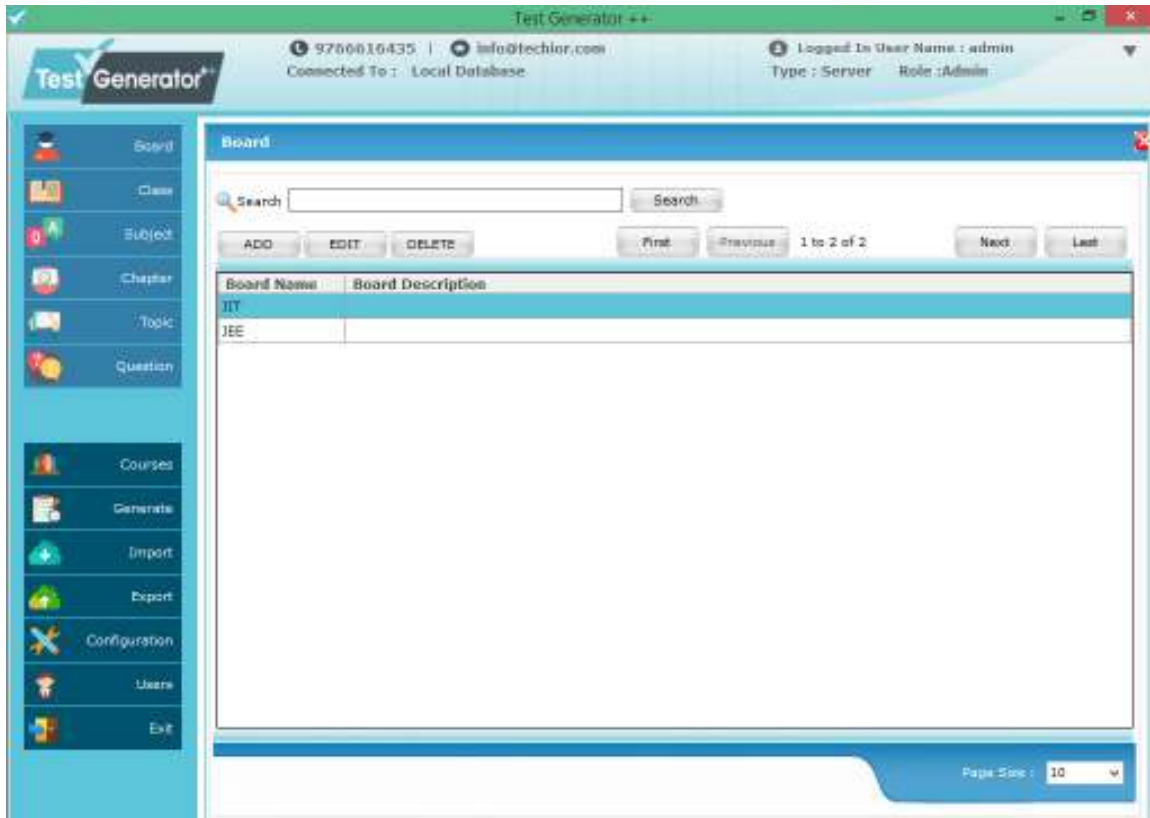


Login to Test Generator ++:



Use the User ID and Password provided to you by Techior Solutions Pvt Ltd to login to Test Generator ++ application.

How to add/edit/delete a board:



Select the “**Courses**” tab on the left bottom pane and “**Board**” tab from the left top pane. This opens up the board listing form in the right pane.

The “**ADD**” tab allows you to create a new board. Click on this tab to open the Board Entry form in the right pane.

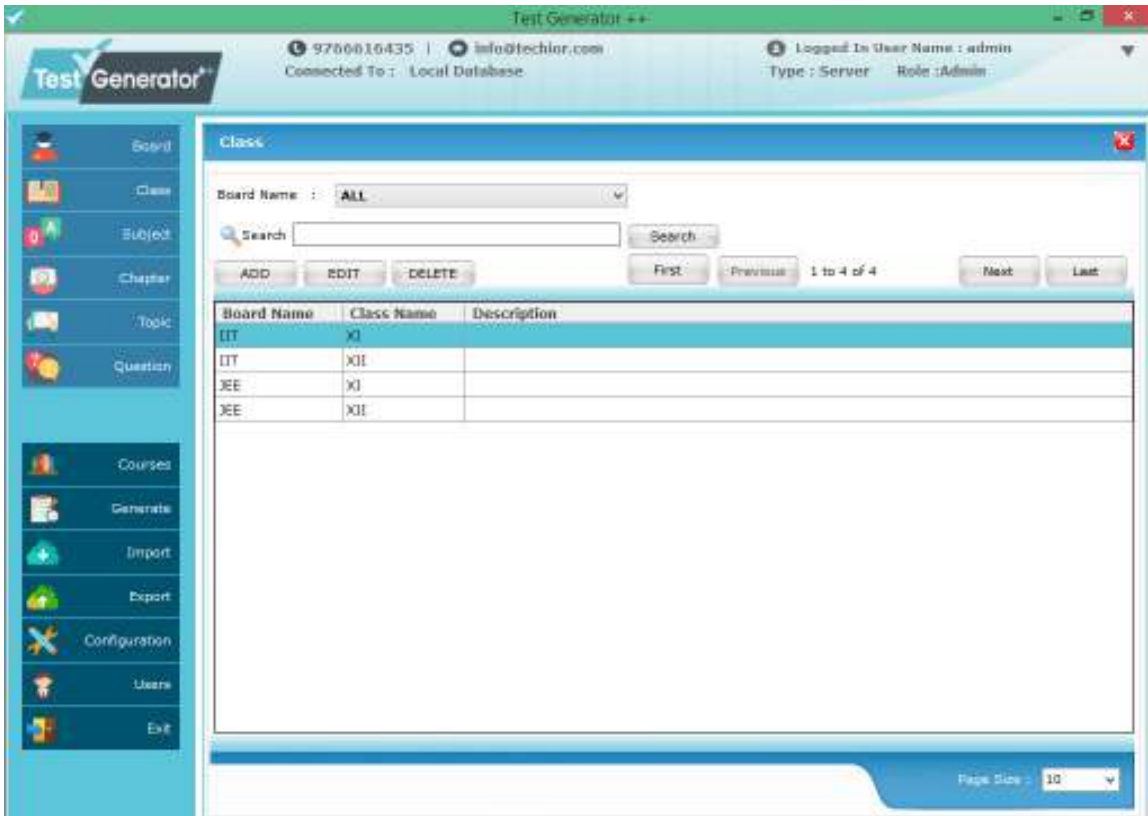
In the Board Entry form, enter the name of the board and the description (any comments). The board can also be entered in different languages (Unicode), just copy the board name & paste it here in the board name field.

Press “**Save**” Button at the bottom of the page to save the board details.

The “**EDIT**” tab allows you to edit the board name or the description. Select the board for which you want to change the description and press the “**Edit**” tab. Then make the required changes and press the “**Update**” Button.

The “**DELETE**” tab allows you to remove/delete a board from your database. Select the board which you want to delete and press the “**Delete**” tab. A confirmation window appears asking you to confirm your action. Press “**Yes**” if you are sure that you want to delete the selected board.

How to add/edit/delete a Class:



The screenshot shows the 'Test Generator' application window. The top bar displays contact information (9786616435, info@techior.com) and login details (User Name: admin, Role: Admin). The left sidebar contains navigation tabs: Board, Class, Subject, Chapter, Topic, Question, Courses, Generate, Import, Export, Configuration, Users, and Exit. The 'Class' tab is selected, opening a form titled 'Class'. The form includes a 'Board Name' dropdown menu set to 'ALL', a 'Search' text field, and buttons for 'ADD', 'EDIT', 'DELETE', 'First', 'Previous', 'Next', and 'Last'. Below these is a table listing classes:

| Board Name | Class Name | Description |
|------------|------------|-------------|
| IIT | XI | |
| IIT | XII | |
| JEE | XI | |
| JEE | XII | |

The bottom right corner shows 'Page Size: 10'.

Select the “**Courses**” tab on the left bottom pane and “**Class**” tab from the left top pane. This opens up the class listing form in the right pane. All the classes which are currently available in your database are listed in this form.

You can choose a board name (e.g. IIT) from the Board Name field at the top of the form and press “**Search**” button to list all the classes that are available for a particular board.

You can also search for a specified string of text within the class name by specifying the string in the “**search**” field and pressing “**Search**” button.

The “**ADD**” tab allows you to create a new class. Click on this tab to open the Class Entry form in the right pane.

The class name can also be entered in different languages (Unicode), just copy the class name & paste it here in the class name.

In the Class Entry form, select the name of the board under which the class is to be added. Then enter the class name and the description (any comments).

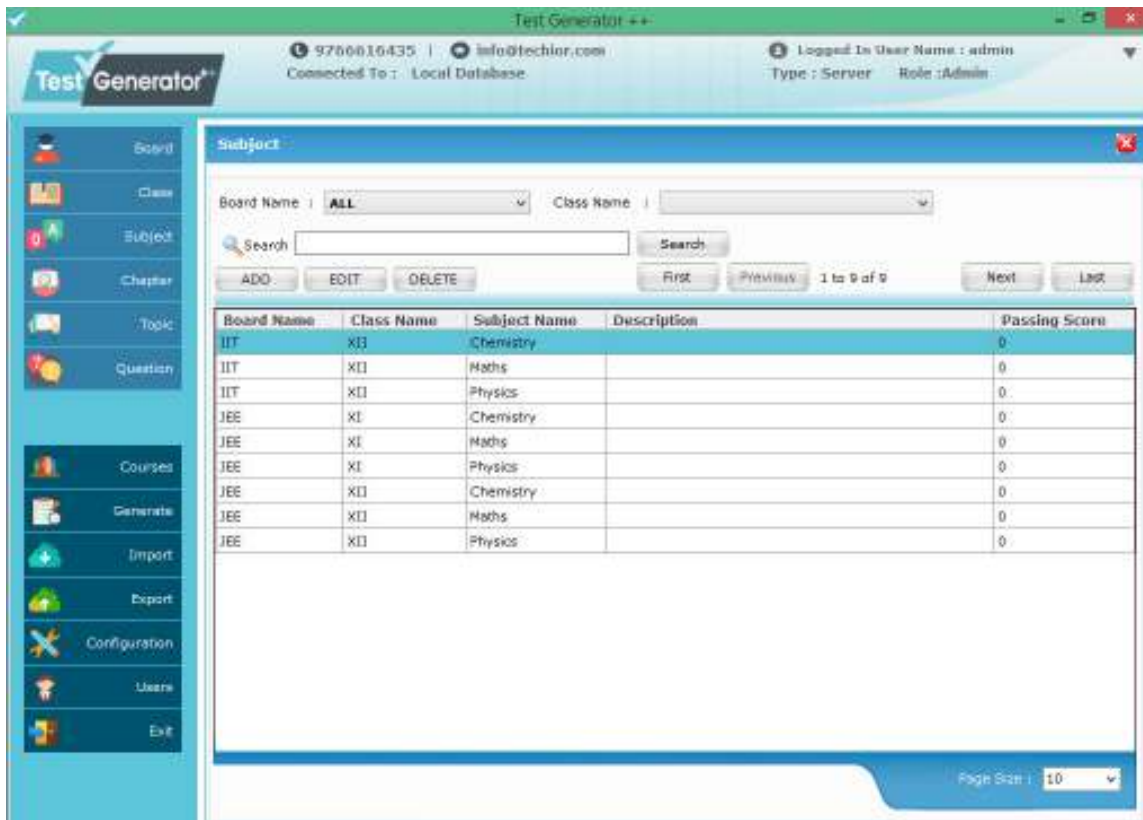
Click on “**Save**” button at the bottom of the page to save the class details.

The “**EDIT**” tab allows you to edit the class name or the description. Select the class for which you want to change the name or description (left click on the class name) in the class listing page and press the “**EDIT**” tab. Then make the required changes and click on the “**Update**” button.

Using the “**Edit**” tab, you can also change the board name to which a class belongs. Select the class for which you want to change the board name (left click on the class name) in the class listing page and press the “**Edit**” tab. Pick the board name where you want the selected class to belong. Then click on “**Update**” Button. In the class listing page, you will be able to see that the class now belongs to the new board name that you had chosen.

The “**Delete**” tab allows you to remove/delete a class from your database. Select the class which you want to delete (left click on the class name) in the class listing page and press the “**Delete**” tab. A confirmation window appears asking you to confirm your action. Press “**Yes**” if you are sure that you want to delete the selected class.

How to add/edit/delete a Subject:



Test Generator ++

9760016435 | info@techior.com
Connected To : Local Database

Logged In User Name : admin
Type : Server Role : Admin

Board Name: ALL Class Name:

Search

ADD EDIT DELETE First Previous 1 to 9 of 9 Next Last

| Board Name | Class Name | Subject Name | Description | Passing Score |
|------------|------------|--------------|-------------|---------------|
| IIT | XII | Chemistry | | 0 |
| IIT | XII | Maths | | 0 |
| IIT | XII | Physics | | 0 |
| JEE | XI | Chemistry | | 0 |
| JEE | XI | Maths | | 0 |
| JEE | XI | Physics | | 0 |
| JEE | XII | Chemistry | | 0 |
| JEE | XII | Maths | | 0 |
| JEE | XII | Physics | | 0 |

Page Size : 10

Select the “**Courses**” tab on the left bottom pane and “**Subject**” tab from the left top pane. This opens up the subject listing form in the right pane. All the subjects which are currently available in your database are listed in this form.

You can choose a board name (e.g. IIT) from the Board Name field and the class name from the Class field at the top of the form and press “**Search**” button to list all the subjects that are available for a particular board and class. If you select just the Board name (and do not select anything in the class name) and press “**Search**” button, then it will list all the subjects that are available for all the classes under the selected board. The Subject name can also be entered in different languages (Unicode), just copy the Subject name & paste it here in the Subject name.

You can also search for a specified string of text within the subject name by specifying the string in the “**search**” field and pressing “**Go**” button.

The “**Add**” tab allows you to create a new subject. Click on this tab to open the Subject Entry form in the right pane.

In the Subject Entry form, select the name of the board and the class under which the subject is to be added.

Then enter the subject name and the description (any comments).

You can specify if you want the tests in this new subject to have negative marking for evaluation purpose. For example: If negative marking is set to 50%, it means that when a 2 mark question is incorrect, 1 mark will be deducted.

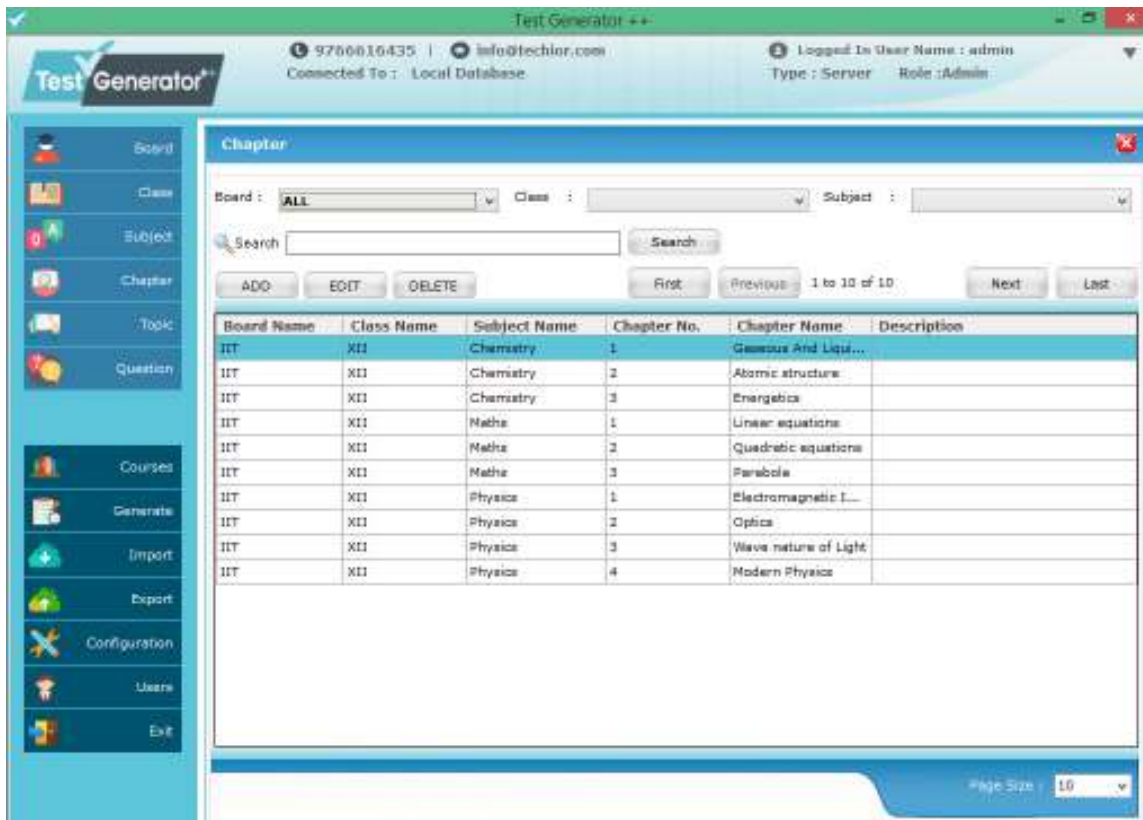
Press “**Save**” Button at the bottom of the page to save the subject details.

The “**Edit**” tab allows you to edit the subject name or the description. Select the subject for which you want to change the name or description (left click on the subject name) in the subject listing page and press the “**Edit**” tab. Then make the required changes and press the “**Update**” Button.

Using the “**Edit**” tab, you can also change the board name and the class to which a subject belongs. Select the subject for which you want to change the board name or the class name (left click on the subject name) in the subject listing page and press the “**Edit**” tab. Pick the board name and the class where you want the selected subject to belong. Then press the “**Update**” Button. In the subject listing page, you will be able to see that the subject now belongs to the new board name and the class that you had chosen.

The “**Delete**” tab allows you to remove/delete a subject from your database. Select the subject which you want to delete (left click on the subject name) in the subject listing page and press the “**Delete**” tab. A confirmation window appears asking you to confirm your action. Press “**Yes**” if you are sure that you want to delete the selected subject.

How to add/edit/delete a Chapter:



The screenshot shows the 'Test Generator' application window. The top bar displays contact information (9760616435, info@techior.com) and login details (User Name: admin, Role: Admin). The left sidebar contains navigation tabs: Board, Class, Subject, Chapter, Topic, Question, Courses, Generate, Import, Export, Configuration, Users, and Exit. The 'Chapter' tab is selected, opening a form with filters for Board (ALL), Class, and Subject. Below the filters is a search bar and buttons for ADD, EDIT, DELETE, and pagination (First, Previous, 1 to 10 of 10, Next, Last). A table lists chapters with columns: Board Name, Class Name, Subject Name, Chapter No., Chapter Name, and Description. The table contains 12 rows of data for IIT board, XII class, covering Chemistry and Physics subjects.

| Board Name | Class Name | Subject Name | Chapter No. | Chapter Name | Description |
|------------|------------|--------------|-------------|-----------------------|-------------|
| IIT | XII | Chemistry | 1 | Gaseous And Liqu... | |
| IIT | XII | Chemistry | 2 | Atomic structure | |
| IIT | XII | Chemistry | 3 | Energetics | |
| IIT | XII | Maths | 1 | Linear equations | |
| IIT | XII | Maths | 2 | Quadratic equations | |
| IIT | XII | Maths | 3 | Parabola | |
| IIT | XII | Physics | 1 | Electromagnetic [...] | |
| IIT | XII | Physics | 2 | Optics | |
| IIT | XII | Physics | 3 | Wave nature of Light | |
| IIT | XII | Physics | 4 | Modern Physics | |

Select the “**Courses**” tab on the left bottom pane and “**Chapter**” tab from the left top pane. This opens up the chapter listing form in the right pane. All the chapters which are currently available in your database are listed in this form.

You can choose a board name (e.g. IIT) from the Board Name field, the class name from the Class field and the subject name from the subject field at the top of the form and press “**Go**” button to list all the chapters that are available for a particular board, class and subject.

You can also search for a specified string of text within the chapter name by specifying the string in the “**search**” field and pressing “**Search**” button.

The “**Add**” tab allows you to create a new chapter. Click on this tab to open the Chapter Entry form in the right pane.

In the Chapter Entry form, select the name of the board, the class and the subject under which the chapter is to be added.

The Chapter name can also be entered in different languages (Unicode), just copy the Chapter name & paste it here in the Chapter name.

Then, enter the chapter number, the chapter name and the description (any comments).

In the “**Summary**” field, you can add the summary of the chapter if you want. The chapter summary should have all the important concepts of the chapter – it can contain images as well as equations.

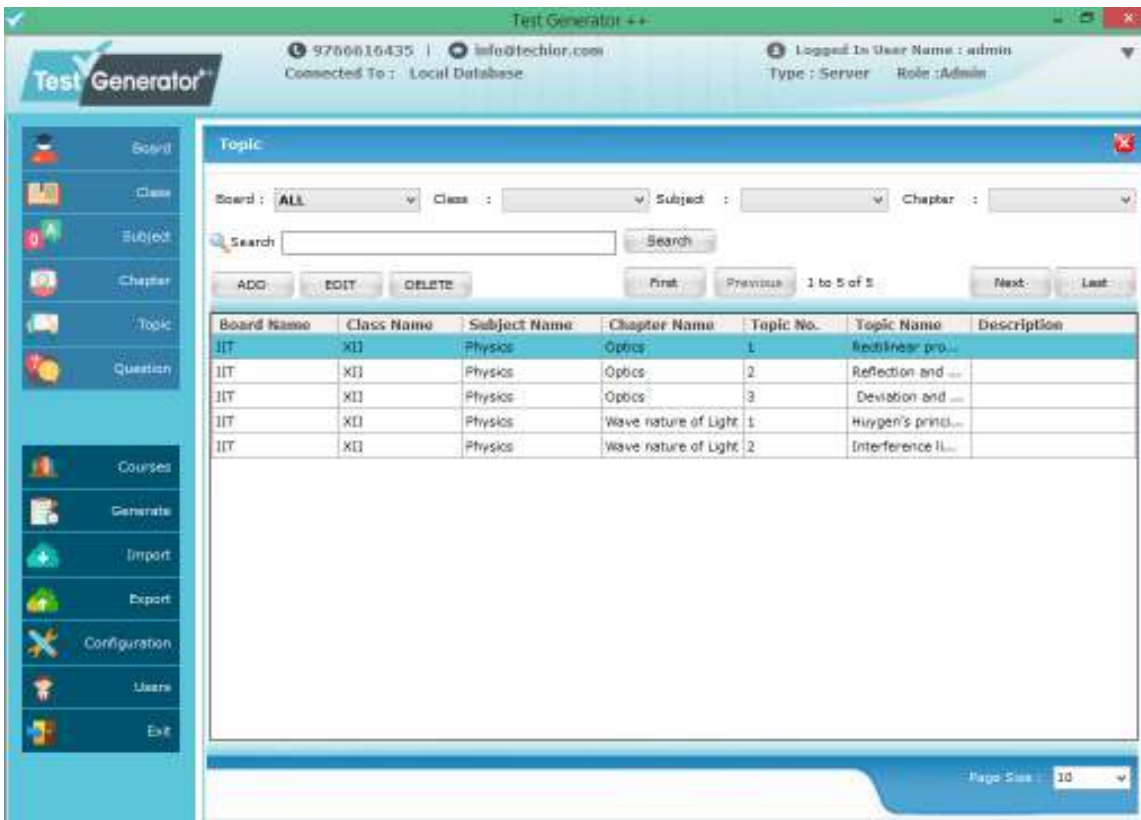
Press “**Save**” Button at the bottom of the page to save the chapter details.

The “**Edit**” tab allows you to edit the chapter name or the chapter details. Select the chapter for which you want to change the name or the details (left click on the chapter name) in the chapter listing page and press the “**Edit**” tab. Then make the required changes and press the “**Update**” Button.

Using the “**Edit**” tab, you can also change the board name, the class and the subject to which a chapter belongs (this is useful in case a chapter has been added to a wrong class or subject by mistake). Select the chapter for which you want to change the board name, the class name or the subject name (left click on the chapter name) in the chapter listing page and press the “**Edit**” tab. Pick the correct board name, the class and the subject where you want the selected chapter to belong. Then press the “**Update**” Button. In the chapter listing page, you will be able to see that the chapter now belongs to the new board name, the class and the subject that you had chosen.

The “**Delete**” tab allows you to remove/delete a chapter from your database. Select the chapter which you want to delete (left click on the chapter name) in the chapter listing page and press the “**Delete**” tab. A confirmation window appears asking you to confirm your action. Press “**Yes**” if you are sure that you want to delete the selected chapter.

How to add/edit/delete a Topic:



The screenshot shows the 'Test Generator' application window. The top bar displays contact information (9760016435, info@techior.com) and login details (User Name: admin, Role: Admin). The left sidebar contains navigation tabs: Board, Class, Subject, Chapter, Topic, Question, Courses, Generate, Import, Export, Configuration, Users, and Exit. The 'Topic' tab is selected, opening a form with filters for Board (ALL), Class, Subject, and Chapter. Below these are search and action buttons (ADD, EDIT, DELETE). A table lists topics with columns: Board Name, Class Name, Subject Name, Chapter Name, Topic No., Topic Name, and Description. The table contains five rows of data related to IIT, Class XII, Physics, and Optics. At the bottom right, there is a 'Page Size' dropdown set to 10.

| Board Name | Class Name | Subject Name | Chapter Name | Topic No. | Topic Name | Description |
|------------|------------|--------------|----------------------|-----------|--------------------|-------------|
| IIT | XII | Physics | Optics | 1 | Redifine pro... | |
| IIT | XII | Physics | Optics | 2 | Reflection and ... | |
| IIT | XII | Physics | Optics | 3 | Deviation and ... | |
| IIT | XII | Physics | Wave nature of Light | 1 | Huygen's princ... | |
| IIT | XII | Physics | Wave nature of Light | 2 | Interference II... | |

Select the “**Courses**” tab on the left bottom pane and “**Topic**” tab from the left top pane. This opens up the topic listing form in the right pane. All the Topics which are currently available in your database are listed in this form.

You can choose a board name (e.g. IIT) from the Board Name field, the class name from the Class field and the subject name from the subject field & chapter name from the Chapter field at the top of the form and press “**Search**” button to list all the Topics that are available for a particular board, class, subject and chapter.

You can also search for a specified string of text within the topic name by specifying the string in the “**search**” field and pressing “**Search**” button.

The “**Add**” tab allows you to create a new topic. Click on this tab to open the Topic Entry form in the right pane.

In the Topic Entry form, select the name of the board, the class, the subject & chapter under which the topic is to be added. Then, enter the topic number, the topic name and the description (any comments). The topic name can also be entered in different languages (Unicode), just copy the topic name & paste it in the topic name field.

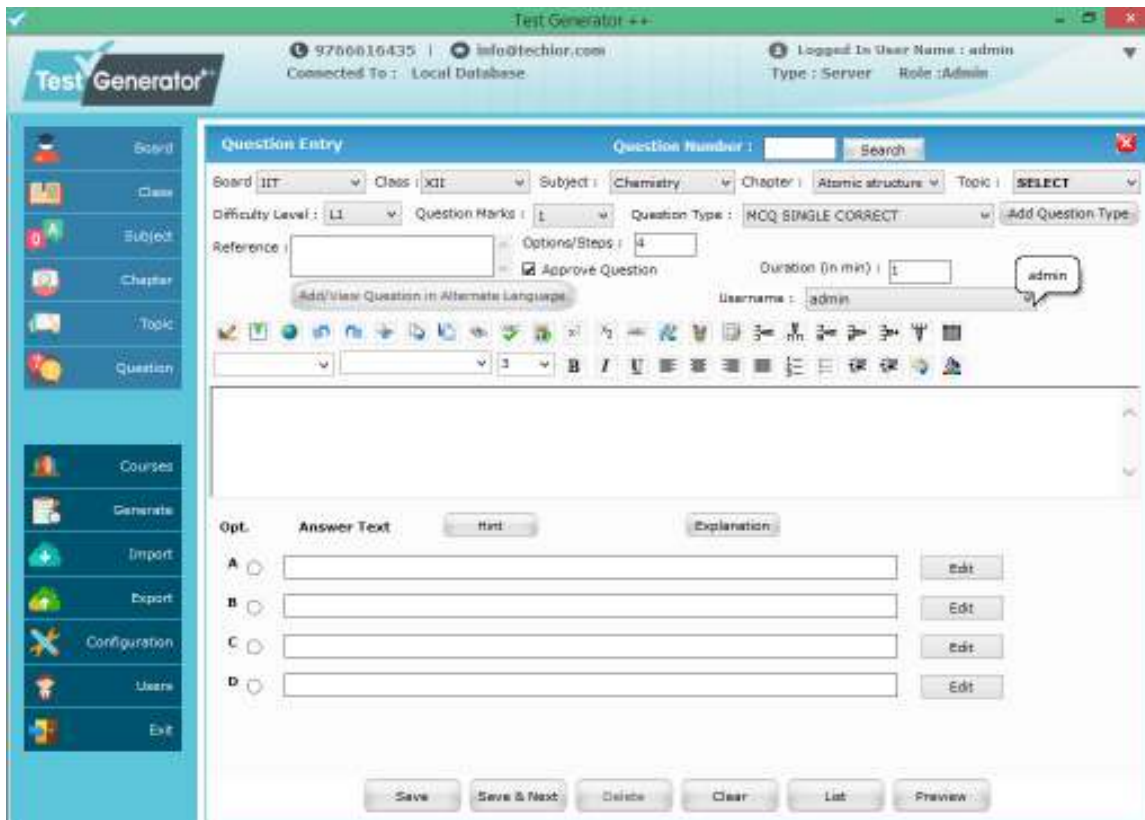
Press “**Save**” Button at the bottom of the page to save the topic details.

The “**Edit**” tab allows you to edit the topic name or the topic details. Select the topic for which you want to change the name or the details (left click on the topic name) in the topic listing page and press the “**Edit**” tab. Then make the required changes and press the “**Update**” Button.

Using the “**Edit**” tab, you can also change the board name, the class and the subject, the chapter to which a topic belongs (this is useful in case a topic has been added to a wrong class, subject or chapter by mistake). Select the topic for which you want to change the board name, the class name, the subject name or chapter (left click on the topic name) in the topic listing page and press the “**Edit**” tab. Pick the correct board name, the class, the subject & the chapter where you want the selected topic to belong. Then press the “**Update**” Button. In the topic listing page, you will be able to see that the topic now belongs to the new board name, the class, the subject & the chapter that you had chosen.

The “**Delete**” tab allows you to remove/delete a topic from your database. Select the topic which you want to delete (left click on the topic name) in the topic listing page and press the “**Delete**” tab. A confirmation window appears asking you to confirm your action. Press “**Yes**” if you are sure that you want to delete the selected topic.

How to add/edit/delete a Question:



The screenshot shows the 'Test Generator' application window. The top bar displays contact information (9760616435, info@techior.com) and user status (Logged In User Name: admin, Type: Server, Role: Admin). The left sidebar contains navigation tabs: Board, Class, Subject, Chapter, Topic, Question, Courses, Generate, Import, Export, Configuration, Users, and Exit. The main area is titled 'Question Entry' and includes a 'Question Number' search field. Below this are dropdown menus for Board (IIT), Class (XII), Subject (Chemistry), Chapter (Atomic structure), and Topic (SELECT). Other fields include Difficulty Level (LI), Question Marks (1), Question Type (MCQ SINGLE CORRECT), Reference, Options/Steps (4), and Duration (1 min). There are checkboxes for 'Approve Question' and 'Add/View Question in Alternate Language'. A rich text editor is present for the question text. At the bottom, there are input fields for 'Answer Text' and 'Explanation' with radio buttons for 'Opt.' (A, B, C, D). Each option has an 'Edit' button. At the very bottom are buttons for 'Save', 'Save & Next', 'Delete', 'Clear', 'List', and 'Preview'.

Select the “**Courses**” tab on the left bottom pane and “**Questions**” tab from the left top pane. This opens up the Questions listing form in the right pane. All the questions which are currently available in your database are listed in this form.

You can choose a board name (e.g. IIT) from the Board field, the class name (e.g. XII) from the Class field, the subject name (e.g. Chemistry) from the subject field, the chapter name from the Chapter field and the topic name from the topic field at the top of the form and press “**Search**” button to list all the questions that are available for a particular board, class, subject, chapter and topic. It is not necessary add the questions under a topic name. If you do not choose any topic name, then the questions will be added under the chapter name. You can search question by entering question id in Question Id filed then click “**Search**” button it show you the question.

You can also search for a specified string of text within the question by specifying the string in the “**search**” field and pressing “**Search**” button.

The “**Add**” tab allows you to create a new question. Click on this tab to open the Question Entry form in the right pane.

In the Question Entry form, select the name of the board, the class, the subject and the chapter under which the question is to be added.

Then add the question details as follows:

“**Question Level**”: This field indicates the difficulty level of the question. Levels L1 through L3 have been provided – L1 is the least difficult and L3 is the most difficult.

“**Question Marks**”: Here you can specify the maximum marks for the question. Marks range of 1 – 20 has been provided.

“**Question Type**”: This field indicates the type of the Question. Choose from the following options:

1. Multiple choice question with single correct answer
2. Multiple choice question with multiple correct answers
3. True/False
4. Complete the answer
5. Fill in the blanks
6. Descriptive Question (Very Short)
7. Descriptive Question (Short description - 25 Words answer)
8. Descriptive Question (Medium description - 50 Words answer)
9. Descriptive Question (Long description - 100 Words answer)
10. Comprehension Questions
11. Integer Questions
12. Match the Pairs

Besides these pre-defined question types, you can also create your own question type using “Add Question Type” button.

User Comprehension questions you can add all the types of questions present in database.

“**Options/Steps**”: In this field, you need to specify the number of options available in case of multiple choice questions.

“Duration”: In this field, you need to specify the time to attempt a question.

After selecting the above fields, enter the question text. This can contain text, as well as images and equations.

For multiple choice questions, the options are provided at the bottom. You can enter text or images in the options. You need to select the correct option so that automatic evaluation can be done.

Using the **“Hint”** button, you can specify any text in the Hint field. This is used to provide a hint to the students on how to solve the question. For example, you may give the formula that is to be used to solve question, etc.

Using the **“Explanation”** button, you can specify any text in the Explanation field. This can be used to give the answer of the descriptive questions, which can later be referred by the students.

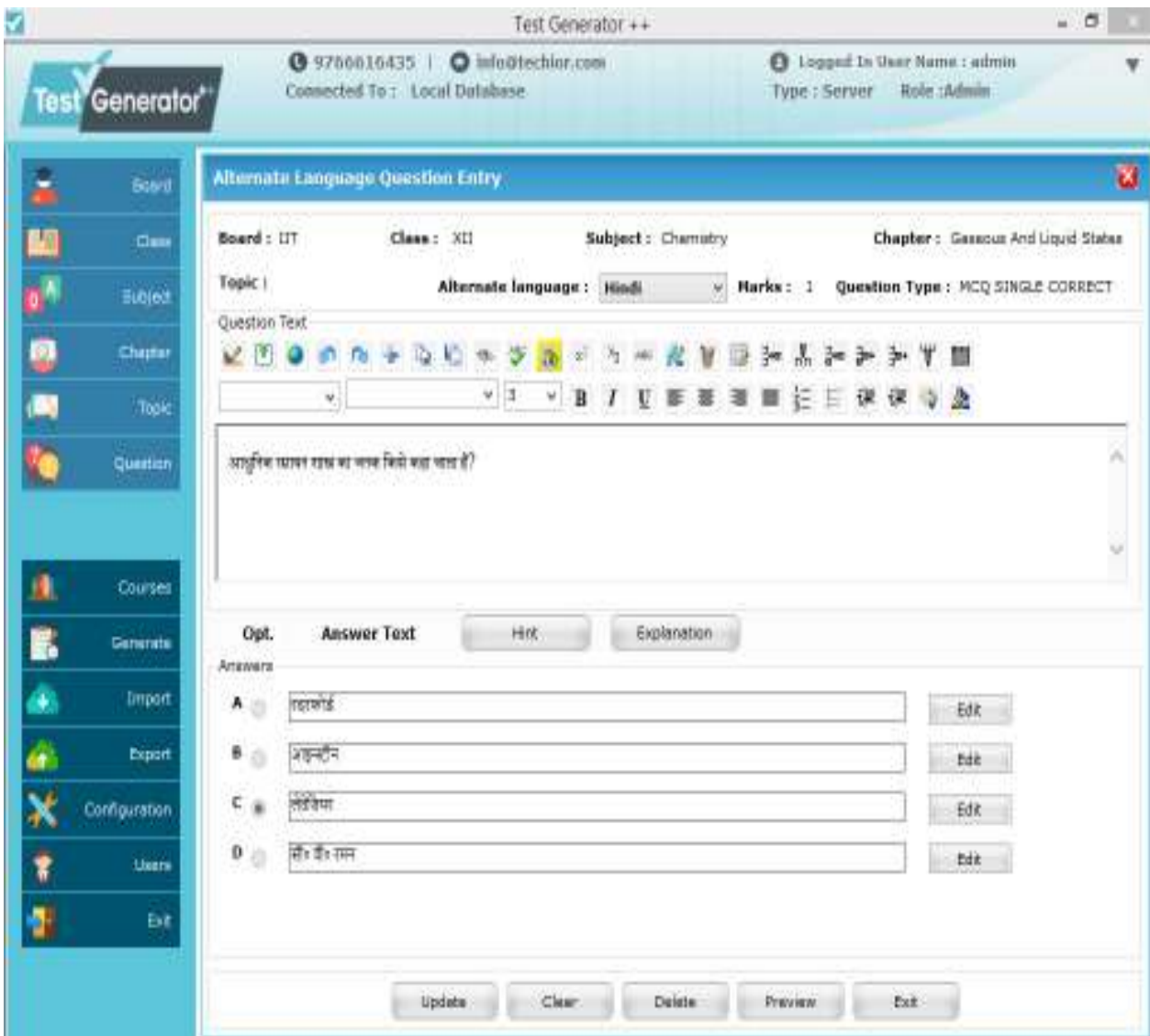
Press **“Save”** Button at the bottom of the page to save the question details.

The **“Edit”** tab allows you to edit the question details. Select the question for which you want to change the details (left click on the question name) in the question listing page and press the **“Edit”** tab. Then make the required changes and press the **“Save”** Button.

Using the **“Edit”** tab, you can also change the board name, the class, the subject, the chapter and the topic to which a question belongs (this is useful in case a question has been added to a wrong class, subject, chapter or topic by mistake). Select the question for which you want to change the board name, the class name, the subject name, the chapter name or the topic name (left click on the question name) in the question listing page and press the **“Edit”** tab. Pick the correct board name, the class, the subject, the chapter and the topic where you want the selected question to belong. Then press the **“Update”** Button. In the question listing page, you will be able to see that the question now belongs to the new board name, the class, the subject, the chapter and the topic that you had chosen.

The **“Delete”** tab allows you to remove/delete a question from your database. Select the question which you want to delete (left click on the question name) in the question listing page and press the **“Delete”** tab. A confirmation window appears asking you to confirm your action. Press **“Yes”** if you are sure that you want to delete the selected question.

If you want to enter question in alternate language also then, after saving the questions, open the question in edit mode & click on Add/ view alternate language, it will take you to the next form where you have to select the alternate language from drop down & then enter or copy/paste the alternate language text enter answer options/ explanation & then click on save.



The screenshot shows the 'Test Generator++' web application interface. The top navigation bar includes the 'Test Generator++' logo, contact information (9780616435, info@techior.com), and user details (Logged In User Name: admin, Type: Server, Role: Admin). The left sidebar contains a menu with icons for Board, Class, Subject, Chapter, Topic, Question, Courses, Generate, Import, Export, Configuration, Users, and Exit.

The main content area is titled 'Alternate Language Question Entry'. It contains the following fields and options:

- Board:** IIT
- Class:** XII
- Subject:** Chemistry
- Chapter:** Gaseous And Liquid States
- Topic:** (empty)
- Alternate language:** Hindi (selected from a dropdown)
- Marks:** 1
- Question Type:** MCQ SINGLE CORRECT

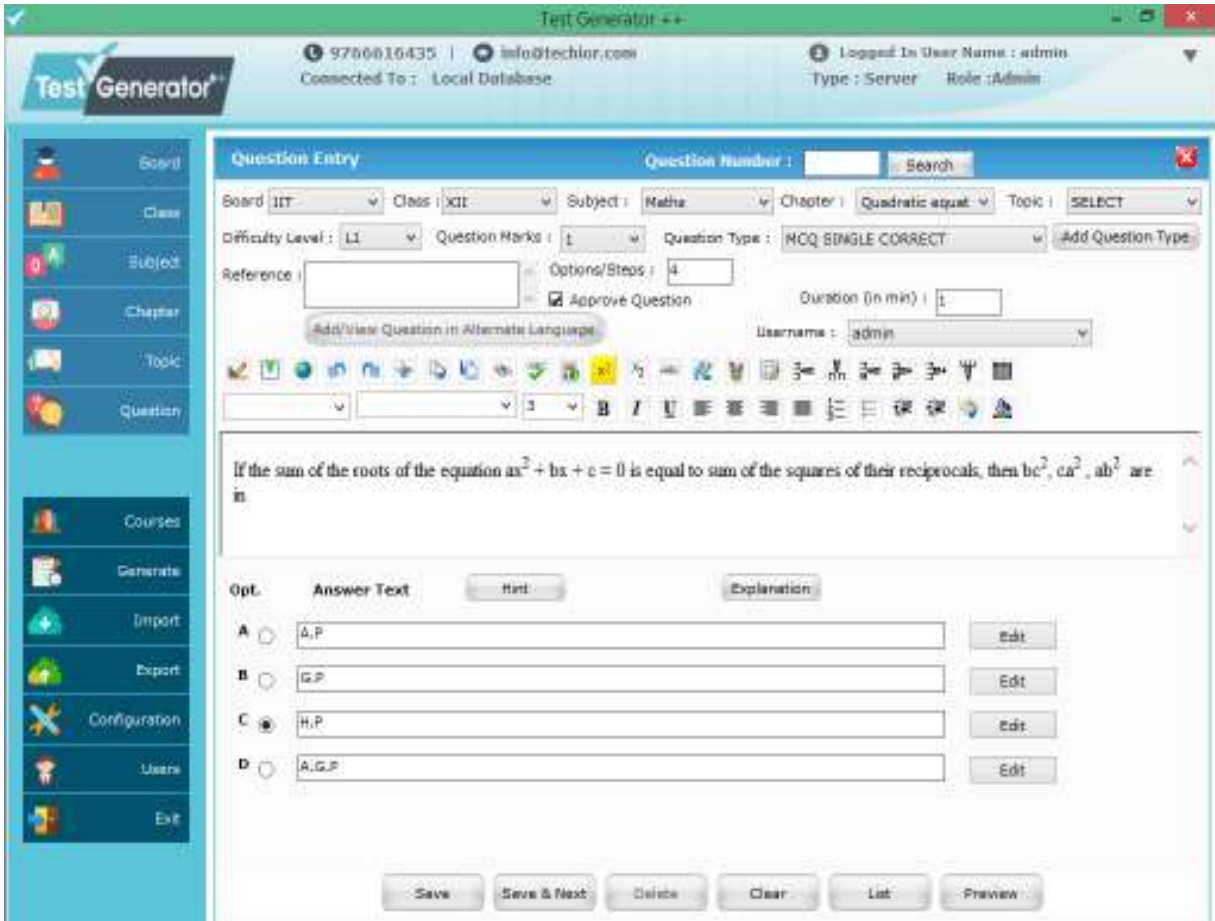
The 'Question Text' section has a rich text editor with various icons for text formatting and alignment. Below the editor, the question text is displayed in Hindi: 'आधुनिक विज्ञान राज्य का नाम किसे क्या नाम है?'.

The 'Answers' section is a table with the following structure:

| Opt. | Answer Text | Hint | Explanation |
|------|-------------|------|-------------|
| A | तराई | | |
| B | अनुमति | | |
| C | संविधान | | |
| D | सी. बी. एम. | | |

Each row in the 'Answers' table has an 'Edit' button next to it. At the bottom of the form, there are five buttons: 'Update', 'Clear', 'Delete', 'Preview', and 'Exit'.

Sample of MCQ Single Correct Question Entry



The screenshot shows the 'Test Generator' application window. The 'Question Entry' form is active, displaying the following details:

- Board:** IIT
- Class:** XII
- Subject:** Maths
- Chapter:** Quadratic equat
- Topic:** SELECT
- Difficulty Level:** LI
- Question Marks:** 1
- Question Type:** MCQ SINGLE CORRECT
- Reference:** (empty field)
- Options/Steps:** 4
- Approve Question:** ☒
- Duration (in min):** 1
- Username:** admin

The question text is: "If the sum of the roots of the equation $ax^2 + bx + c = 0$ is equal to sum of the squares of their reciprocals, then bc^2, ca^2, ab^2 are in".

The answer options are:

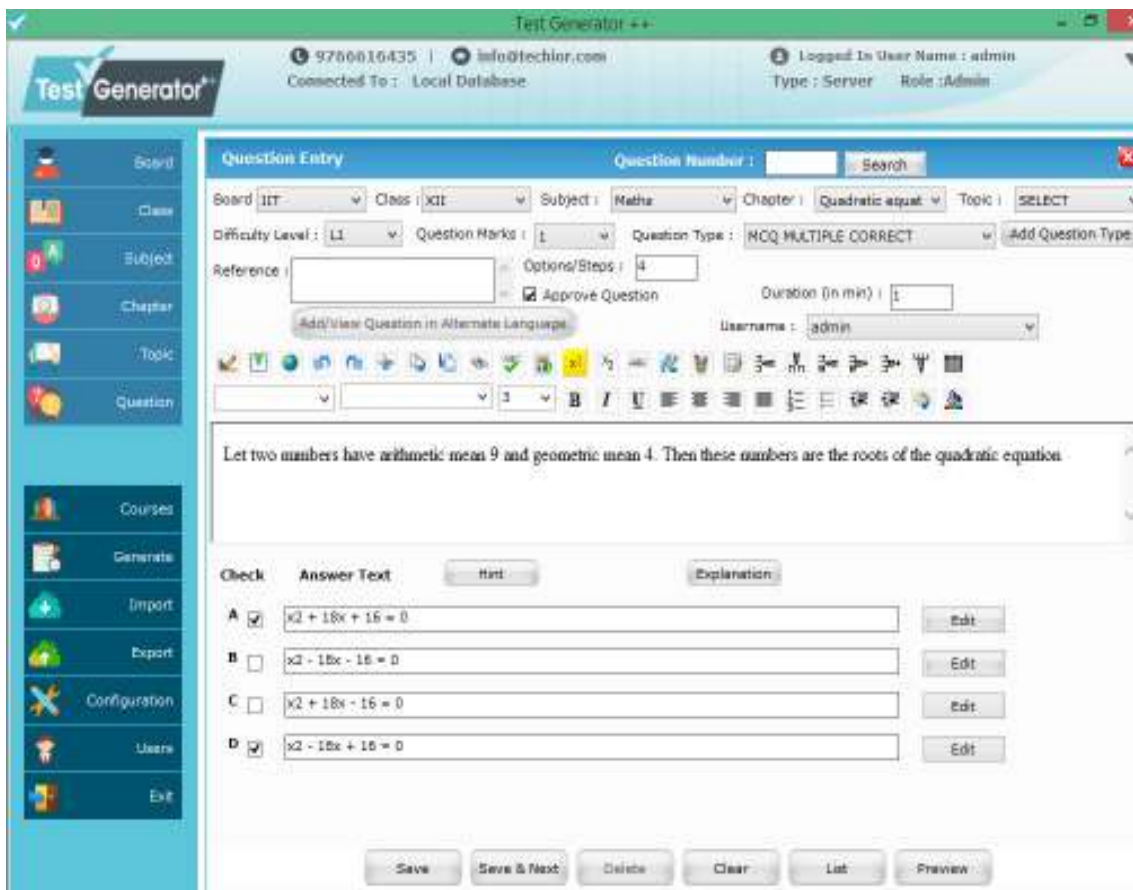
- A ☐ A.P
- B ☐ G.P
- C ☒ H.P
- D ☐ A.G.P

Buttons at the bottom include: Save, Save & Next, Delete, Clear, List, and Preview.

The above form shows how to enter multiple choice type of question which has a single correct option. Select “MCQ SINGLE CORRECT” in Question Type and select the option that is correct.

Press “**Save**” Button at the bottom of the page to save the question details.

Sample of MCQ Multiple Correct Question Entry



The screenshot shows the 'Test Generator' application window. The 'Question Entry' form is active, displaying the following details:

- Board:** IIT
- Class:** XII
- Subject:** Maths
- Chapter:** Quadratic equat
- Topic:** SELECT
- Difficulty Level:** LI
- Question Marks:** 1
- Question Type:** MCQ MULTIPLE CORRECT
- Reference:** (empty field)
- Options/Steps:** 4
- Duration (in min):** 1
- Approve Question:** (checked)
- Username:** admin

The question text is: "Let two numbers have arithmetic mean 9 and geometric mean 4. Then these numbers are the roots of the quadratic equation".

The answer options are listed in a table:

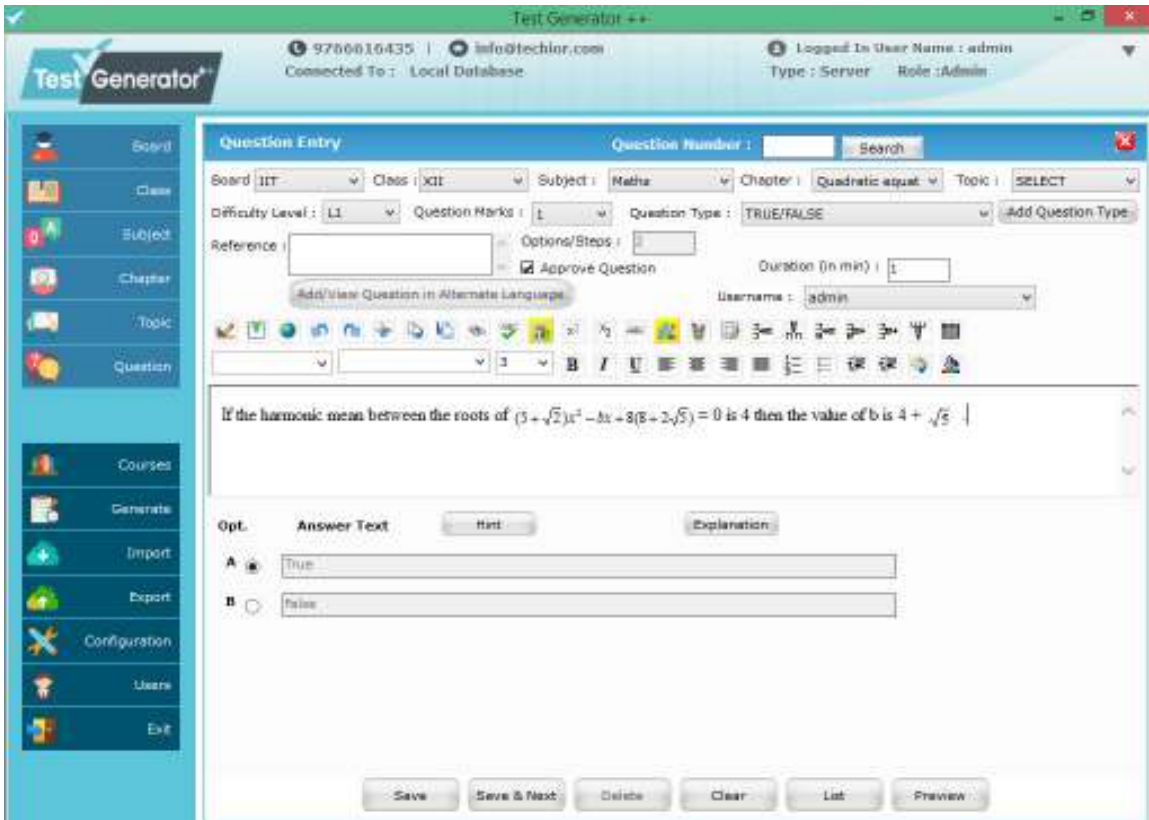
| Check | Answer Text | Hint | Explanation |
|-------------------------------------|----------------------|------|-------------------------------------|
| <input checked="" type="checkbox"/> | $x^2 + 18x + 16 = 0$ | | <input type="button" value="Edit"/> |
| <input type="checkbox"/> | $x^2 - 18x - 16 = 0$ | | <input type="button" value="Edit"/> |
| <input type="checkbox"/> | $x^2 + 18x - 16 = 0$ | | <input type="button" value="Edit"/> |
| <input checked="" type="checkbox"/> | $x^2 - 18x + 16 = 0$ | | <input type="button" value="Edit"/> |

At the bottom of the form, there are buttons: Save, Save & Next, Delete, Clear, List, and Preview.

The above form shows how to enter multiple choice type of question which has multiple correct options. Select “MCQ MULTIPLE CORRECT” in Question Type and tick the options that are correct.

Press “**Save**” Button at the bottom of the page to save the question details.

Sample of True / False Question Entry



The screenshot displays the 'Test Generator' application window. The top bar shows contact information (9760016435, info@techior.com) and login details (admin, Server, Admin). The left sidebar contains navigation options: Board, Class, Subject, Chapter, Topic, Question, Courses, Generate, Import, Export, Configuration, Users, and Exit. The main 'Question Entry' form is active, with fields for Board (IIT), Class (XII), Subject (Maths), Chapter (Quadratic equat), and Topic (SELECT). The Question Type is set to 'TRUE/FALSE'. The question text is: 'If the harmonic mean between the roots of $(3 + \sqrt{2})x^2 - bx + 3(8 + 2\sqrt{5}) = 0$ is 4 then the value of b is $4 + \sqrt{5}$ '. Below the question, there are two options: 'A True' and 'B False'. The 'Save' button is at the bottom.

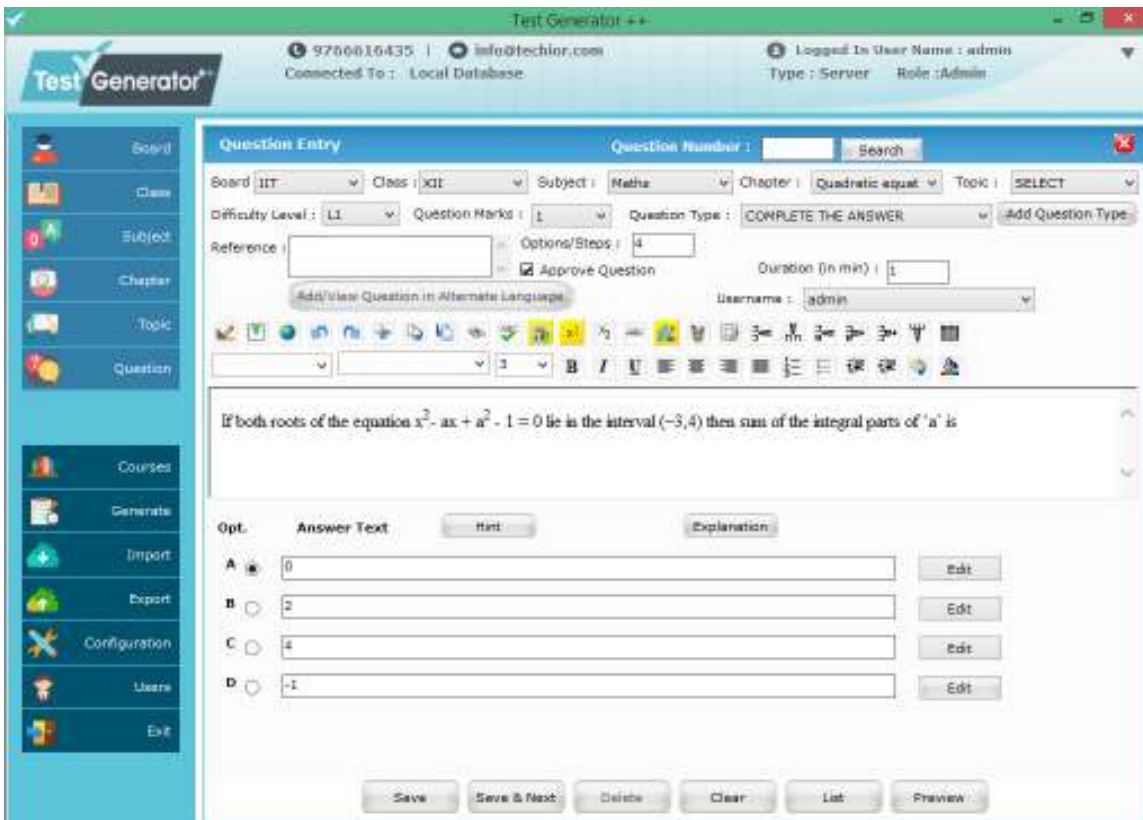
The above form shows how to enter true/false type of question.

Select “TRUE/FALSE” in Question Type.

Enter True and False in the options and select the correct answer.

Press “**Save**” Button at the bottom of the page to save the question details.

Sample of Complete the Answer Question Entry



The screenshot shows the 'Test Generator' application window. The 'Question Entry' form is active, displaying the following details:

- Board:** IIT
- Class:** XII
- Subject:** Maths
- Chapter:** Quadratic equat
- Topic:** SELECT
- Difficulty Level:** L1
- Question Marks:** 1
- Question Type:** COMPLETE THE ANSWER
- Reference:** (empty field)
- Options/Steps:** 4
- Duration (in min):** 1
- Username:** admin

The question text entered is: "If both roots of the equation $x^2 - ax + a^2 - 1 = 0$ lie in the interval $(-3, 4)$ then sum of the integral parts of 'a' is

The options provided are:

| Opt. | Answer Text | Hint | Explanation |
|------|-------------|------|-------------|
| A | 0 | | |
| B | 2 | | |
| C | 4 | | |
| D | -1 | | |

At the bottom of the form, there are buttons for 'Save', 'Save & Next', 'Delete', 'Clear', 'List', and 'Preview'.

The above form shows how to enter complete the answer type of question.

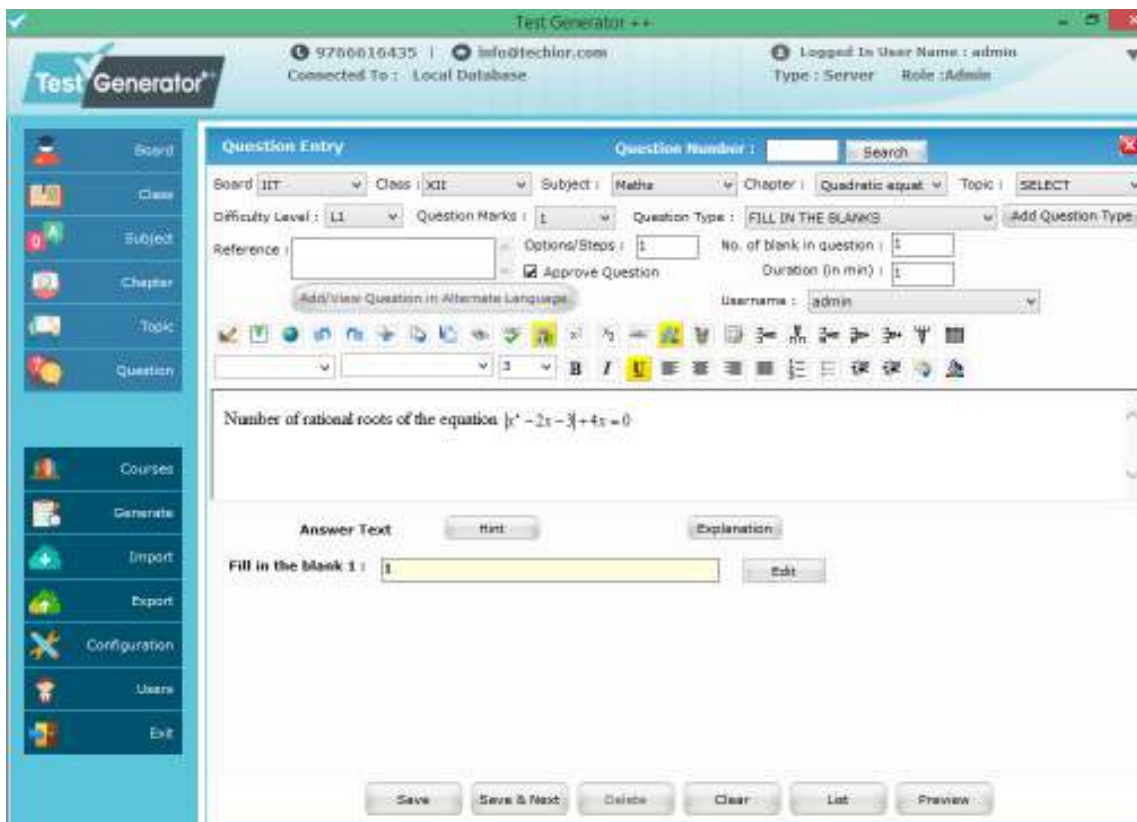
This type of question is like Fill in the blank, but the options are given to the student.

Select “COMPLETE THE ANSWER” in Question Type.

Enter the incomplete question text and the options. Then select the correct option.

Press “**Save**” Button at the bottom of the page to save the question details.

Sample of Fill in the Blanks Question Entry



The screenshot displays the 'Test Generator' application window. The top bar shows contact information (9760616435, info@techior.com), login status (admin), and connection details. A left sidebar contains navigation icons for Board, Class, Subject, Chapter, Topic, Question, Courses, Generate, Import, Export, Configuration, Users, and Exit. The main 'Question Entry' form is titled 'Question Number: [] Search'. It includes dropdown menus for Board (IIT), Class (XII), Subject (Maths), Chapter (Quadratic equat), and Topic (SELECT). Other fields include Difficulty Level (LI), Question Marks (1), Question Type (FILL IN THE BLANKS), Reference, Options/Steps (1), No. of blank in question (1), Duration (1 min), and a checked 'Approve Question' box. A text area contains the question: 'Number of rational roots of the equation $|x^2 - 2x - 3| + 4x = 0$ '. Below this, the 'Answer Text' section shows 'Fill in the Blank 1: 1' with an 'Edit' button. At the bottom are buttons for Save, Save & Next, Delete, Clear, List, and Preview.

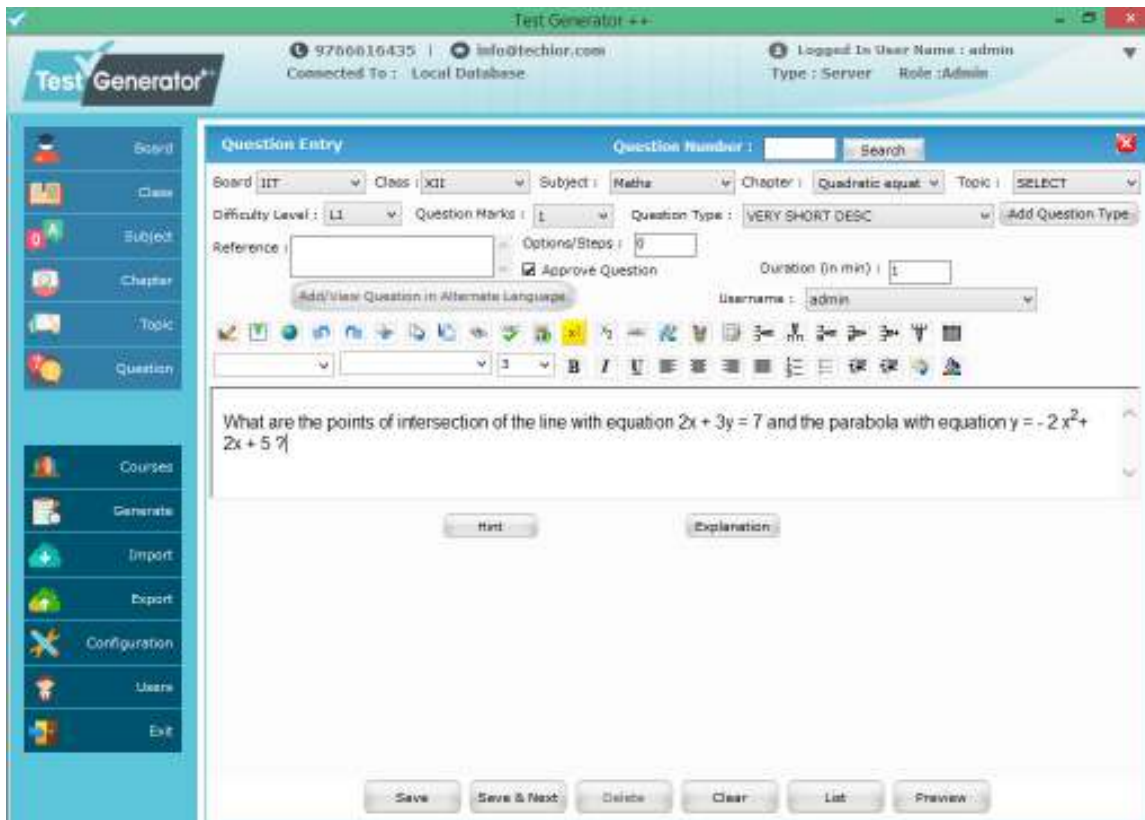
The above form shows how to enter Fill in the blanks type of question.

In this type of question, no options are given to the student.

Select “FILL IN THE BLANKS” in Question Type and enter the question text with a dotted line for the blank which the student is supposed to fill. Then enter the correct answer in the space provided for answer.

Press “**Save**” Button at the bottom of the page to save the question details.

Sample of Very Short Description Question Entry



The screenshot shows the 'Test Generator' application window. The 'Question Entry' form is active, displaying various dropdown menus and input fields. The 'Question Type' is set to 'VERY SHORT DESC'. The question text is entered in the main text area. The 'Hint' and 'Explanation' buttons are visible below the question text. The bottom of the form contains buttons for 'Save', 'Save & Next', 'Delete', 'Clear', 'List', and 'Preview'.

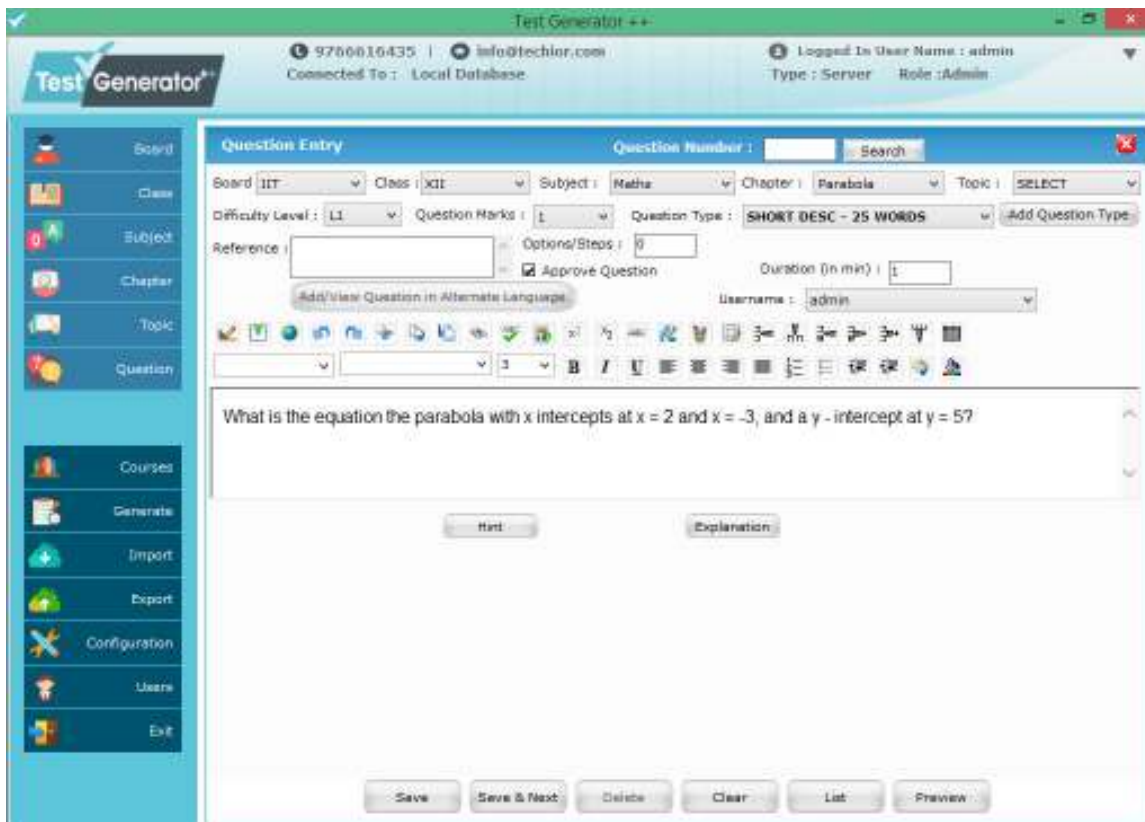
The above form shows how to enter very short description type of question. Select “VERY SHORT DESC” in Question Type.

Using the “**Hint**” button, you can specify any text in the Hint field. This is used to provide a hint to the students on how to solve the question. For example, you may give the formula that is to be used, etc.

Using the “**Explanation**” button, you can specify any text in the Explanation field. This can be used to give the answer of the subjective questions. This is shown in the answer paper, which can be used as a reference by the teachers to correct the answer sheets of the students.

Press “**Save**” Button at the bottom of the page to save the question details.

Sample of Short Desc-25 word Question Entry



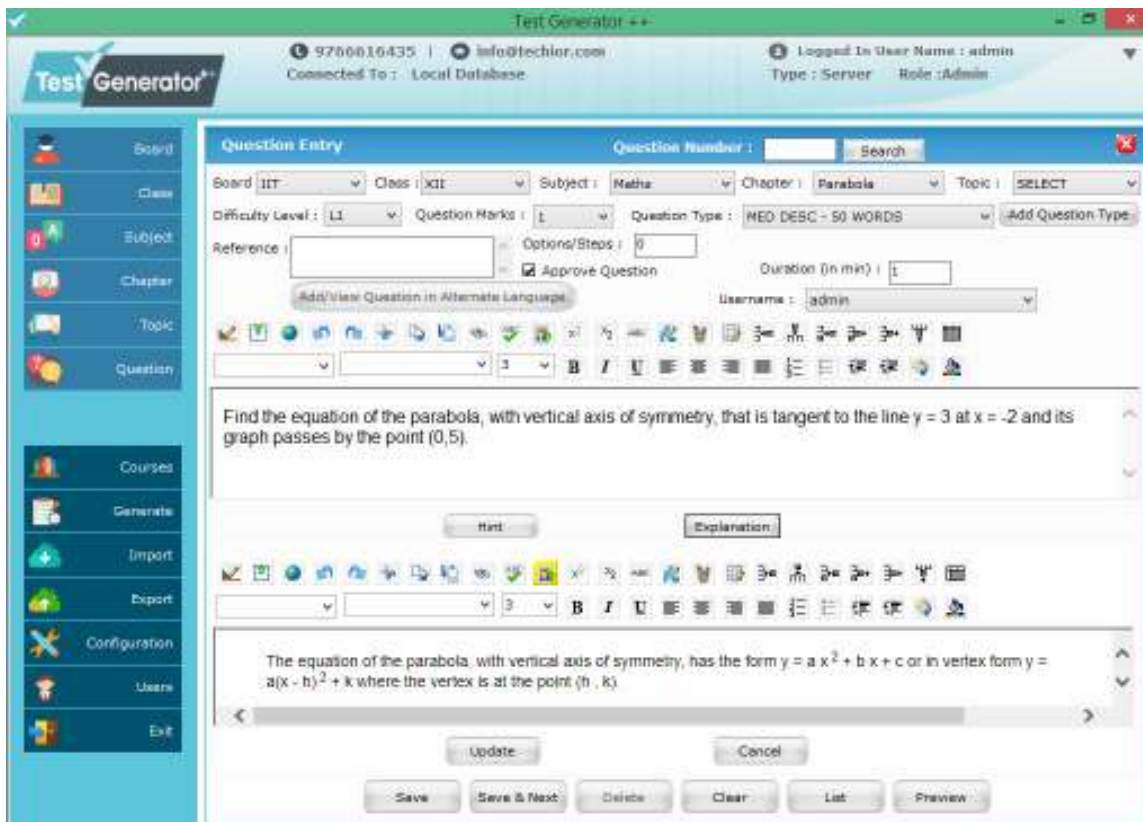
The above form shows how to enter short description type of question. Select “SHORT DESC – 25 WORDS” in Question Type.

Using the “**Hint**” button, you can specify any text in the Hint field. This is used to provide a hint to the students on how to solve the question. For example, you may give the formula that is to be used, etc.

Using the “**Explanation**” button, you can specify any text in the Explanation field. This can be used to give the answer of the subjective questions. This is shown in the answer paper, which can be used as a reference by the teachers to correct the answer sheets of the students.

Press “**Save**” Button at the bottom of the page to save the question details.

Sample of Medium Desc-50 word Question Entry



Test Generator++

9786616435 | info@techior.com

Connected To : Local Database

Logged In User Name : admin

Type : Server Role : Admin

Question Entry

Question Number : Search

Board : IIT Class : XII Subject : Maths Chapter : Parabola Topic : SELECT

Difficulty Level : L1 Question Marks : 1 Question Type : MED-DESC - 50 WORDS Add Question Type

Reference : Options/Steps : 0

Duration (in min) : 1

Username : admin

Add/View Question in Alternate Language

Find the equation of the parabola, with vertical axis of symmetry, that is tangent to the line $y = 3$ at $x = -2$ and its graph passes by the point $(0,5)$.

Hint Explanation

The equation of the parabola, with vertical axis of symmetry, has the form $y = a x^2 + b x + c$ or in vertex form $y = a(x - h)^2 + k$ where the vertex is at the point (h, k) .

Update Cancel

Save Save & Next Delete Clear List Preview

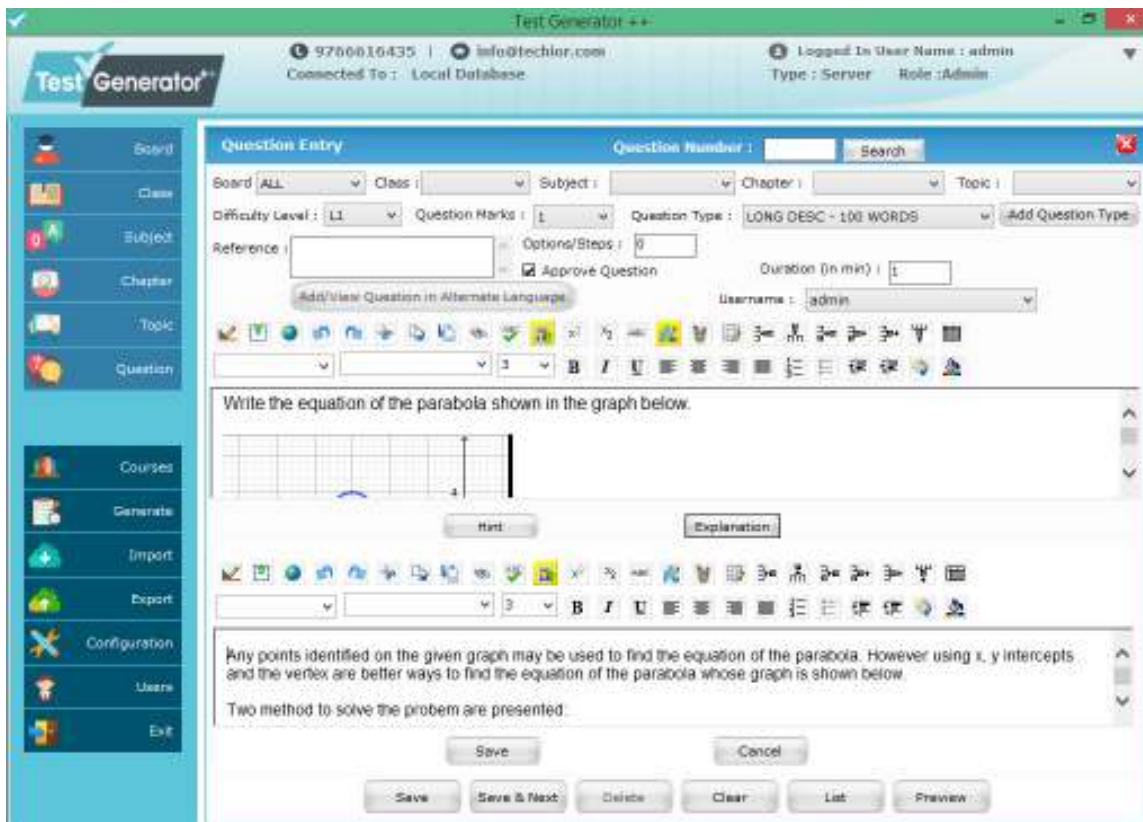
The above form shows how to enter medium description type of question. Select “MED DESC – 50 WORDS” in Question Type.

Using the “**Hint**” button, you can specify any text in the Hint field. This is used to provide a hint to the students on how to solve the question. For example, you may give the formula that is to be used, etc.

Using the “**Explanation**” button, you can specify any text in the Explanation field. This can be used to give the answer of the subjective questions. This is shown in the answer paper, which can be used as a reference by the teachers to correct the answer sheets of the students.

Press “**Save**” Button at the bottom of the page to save the question details.

Sample of Long Desc-100 word Question Entry



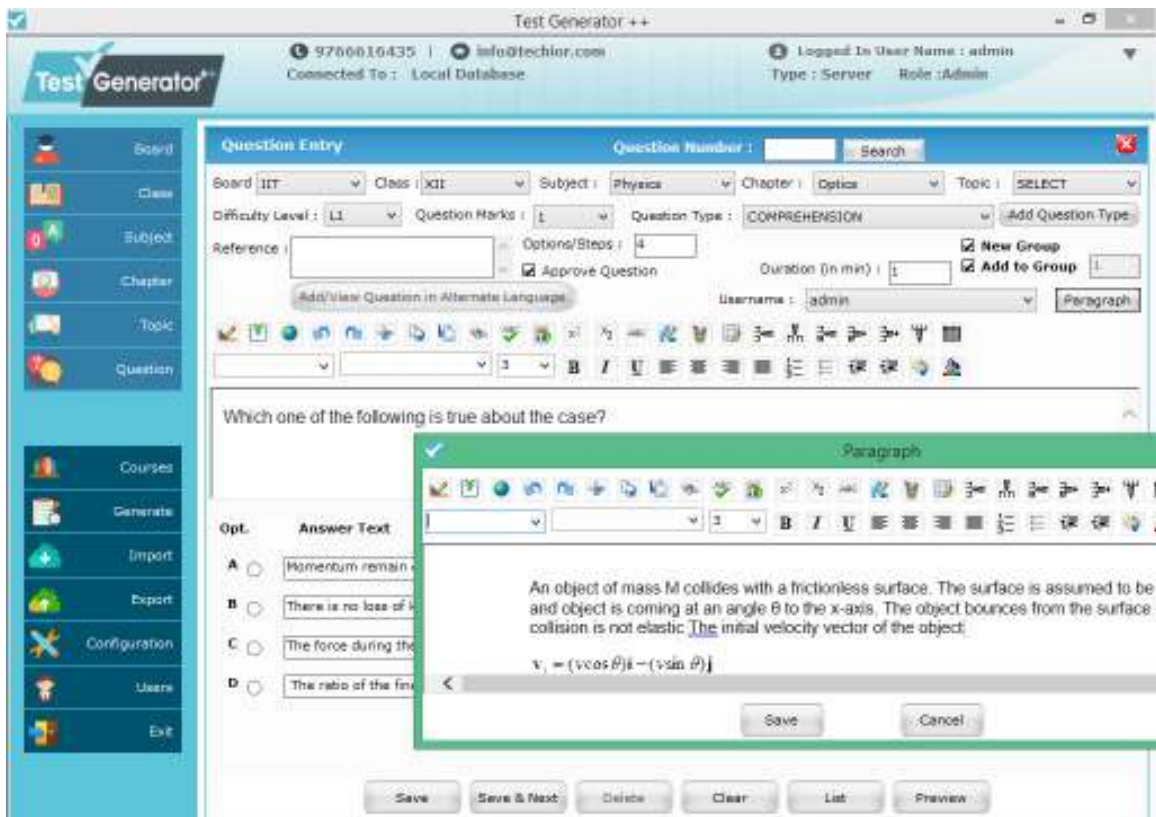
The above form shows how to enter long description type of question. Select “LONG DESC – 100 WORDS” in Question Type.

Using the “**Hint**” button, you can specify any text in the Hint field. This is used to provide a hint to the students on how to solve the question. For example, you may give the formula that is to be used, etc.

Using the “**Explanation**” button, you can specify any text in the Explanation field. This can be used to give the answer of the subjective questions. This is shown in the answer paper, which can be used as a reference by the teachers to correct the answer sheets of the students.

Press “**Save**” Button at the bottom of the page to save the question details.

Sample of Comprehension Question Entry



The screenshot shows the 'Test Generator ++' application window. The 'Question Entry' form is active, displaying the following details:

- Board:** IIT
- Class:** XII
- Subject:** Physics
- Chapter:** Optics
- Topic:** SELECT
- Difficulty Level:** LI
- Question Marks:** 1
- Question Type:** COMPREHENSION
- Reference:** (empty field)
- Options/Steps:** 4
- Duration (in min):** 1
- Username:** admin
- Buttons:** ☒ New Group, ☒ Add to Group,

The question text area contains the following text:

Which one of the following is true about the case?

An object of mass M collides with a frictionless surface. The surface is assumed to be and object is coming at an angle θ to the x -axis. The object bounces from the surface. The collision is not elastic. The initial velocity vector of the object:

$$\vec{v}_i = (v \cos \theta) \hat{i} - (v \sin \theta) \hat{j}$$

The answer options are listed as follows:

- A ☐ Momentum remains constant
- B ☐ There is no loss of kinetic energy
- C ☐ The force during the collision is zero
- D ☐ The ratio of the final to initial velocity is $\tan \theta$

The 'Paragraph' popup window is open, showing the text area for the passage and the 'Save' and 'Cancel' buttons.

The above form shows how to enter comprehension type of question. Select “COMPREHENSION” in Question Type. The questions pertaining to a particular passage belong to a group.

To add a new comprehension type question group, tick both “New Group” and “Add to Group” checkboxes. A group number is allocated to the group.

Click on “Paragraph” button. A popup will appear. Enter the passage here. Click Save to save the paragraph.

Then enter the first question in the space provided for question text.

All type of question are supported within comprehension questions. For MCQ single correct question enter the options for the first question and select the correct option. To enter all other sub type of questions follow the same procedure.

To add a new question to an existing group, tick only “Add to Group” checkbox. Uncheck the “New Group” checkbox. The group number of the group which was last entered will automatically be shown. You can change this if you want to add the question to a different group.

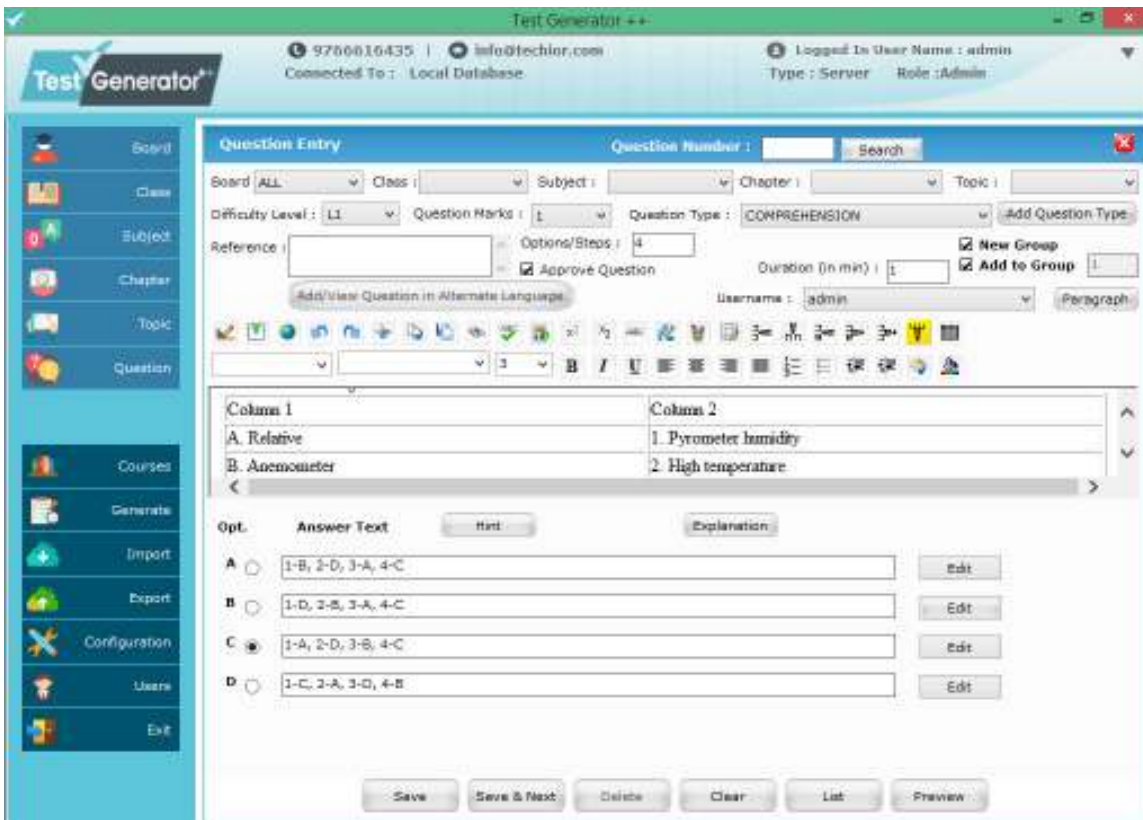
The passage should be entered only once when a new group is created. The passage will appear only once in the generated question paper.

In a generated question paper, comprehension questions appear in the same sequence in which they were entered.

When a comprehension question is selected in a question paper, all the questions in the selected group will appear automatically.

Press “**Save**” Button at the bottom of the page to save the question details.

Sample of Match the Pairs Question Entry



The screenshot shows the 'Test Generator' application window. The 'Question Entry' form is active, displaying various fields for question configuration. The 'Question Type' is set to 'COMPREHENSION'. The 'Reference' field is empty. The 'Options/Steps' field is set to 4. The 'Duration (in min)' field is set to 1. The 'Add to Group' checkbox is checked. The 'Username' field is set to 'admin'. The 'Paragraph' field is empty. The 'Columns' section shows two columns: 'Column 1' and 'Column 2'. 'Column 1' contains 'A. Relative' and 'B. Anemometer'. 'Column 2' contains '1. Pyrometer humidity' and '2. High temperature'. The 'Opt.' section shows four options: A, B, C, and D. Each option has a radio button and a text field for the answer. The 'Answer Text' field for option A is '1-B, 2-D, 3-A, 4-C'. The 'Hint' button is visible. The 'Explanation' field is empty. The 'Save', 'Save & Next', 'Delete', 'Clear', 'List', and 'Preview' buttons are at the bottom.

The above form shows how to enter Match the pair type of question. Select “MATCH THE PAIRS” in Question Type.

Choose the “Add Table” option from the Formatting Toolbar it will create a table for you, now depending on your requirement add or delete the rows and columns to create your table. Then fill in the values in the table as shown above.

Using the “**Hint**” button, you can specify any text in the Hint field. This is used to provide a hint to the students on how to solve the question. For example, you may give the formula that is to be used, etc.

Using the “**Explanation**” button, you can specify any text in the Explanation field. This can be used to give the answer of the question. This is shown in the answer paper, which can be used as a reference by the teachers to correct the answer sheets of the students.

Press “**Save**” Button at the bottom of the page to save the question details.

Sample of Match the Pairs (Preview):

✓
Question Preview
✕

Language : Default Language

Q.24 Match the following columns

| Column 1 | Column 2 |
|----------------------|-----------------------|
| A. Relative | 1. Pyrometer humidity |
| B. Anemometer | 2. High temperature |
| C. Navigation | 3. Hygrometer |
| D. Direction of wind | 4. Chronometer |

Answers :

(A) 1-B, 2-D, 3-A, 4-C

(B) 1-D, 2-B, 3-A, 4-C

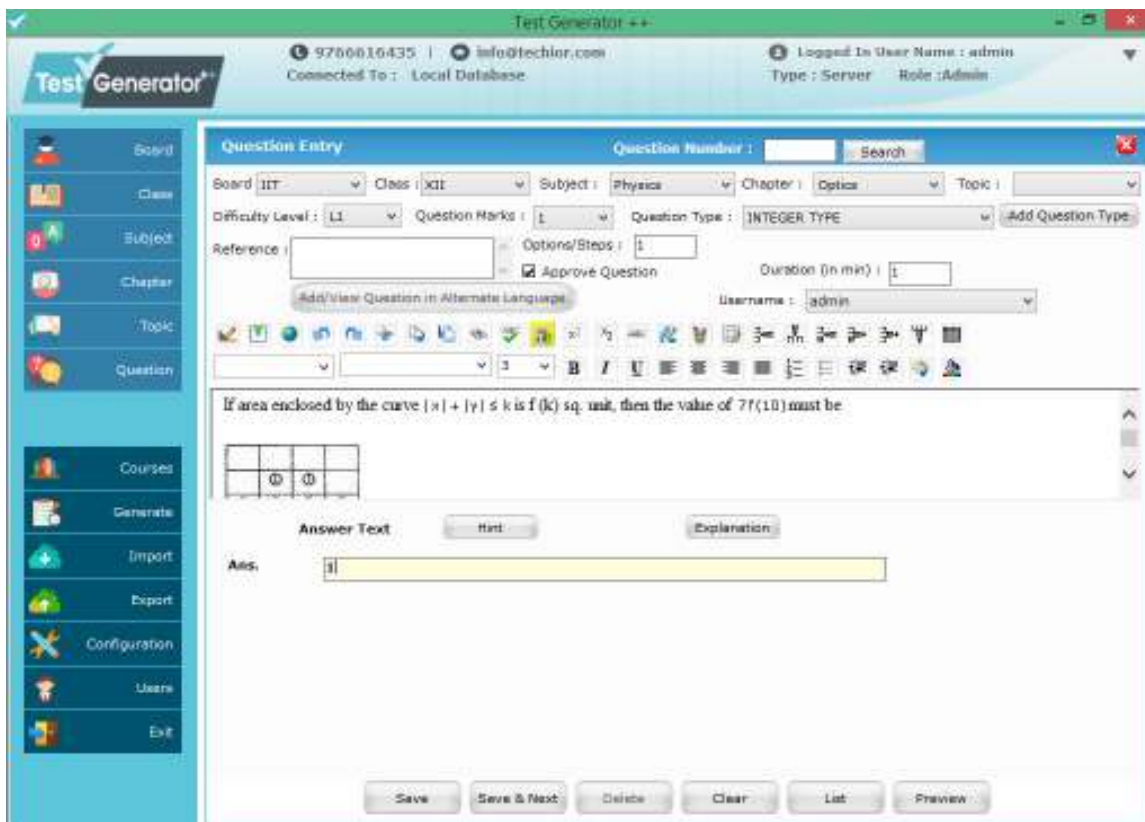
(C) 1-A, 2-D, 3-B, 4-C

(D) 1-C, 2-A, 3-D, 4-B

Hint :

Explanation :

Sample of Integer type Question Entry



The screenshot shows the 'Test Generator' application window. The 'Question Entry' form is active, displaying the following details:

- Board:** IIT
- Class:** XII
- Subject:** Physics
- Chapter:** Optics
- Topic:** (empty)
- Difficulty Level:** LI
- Question Marks:** 1
- Question Type:** INTEGER TYPE
- Reference:** (empty)
- Options/Steps:** 1
- Duration (in min):** 1
- Username:** admin

The question text entered is: "If area enclosed by the curve $|x| + |y| \leq k$ is $f(k)$ sq. unit, then the value of $7f(10)$ must be". Below the text is a small grid for drawing. The 'Answer Text' field contains the value '3'. The 'Hint' and 'Explanation' buttons are visible. At the bottom, there are buttons for 'Save', 'Save & Next', 'Delete', 'Clear', 'List', and 'Preview'.

The above form shows how to enter Integer type of question. Select “INTEGER TYPE” in Question Type and enter the question text. Then enter the correct answer in the space provided for answer.

Using the “**Hint**” button, you can specify any text in the Hint field. This is used to provide a hint to the students on how to solve the question. For example, you may give the formula that is to be used, etc.

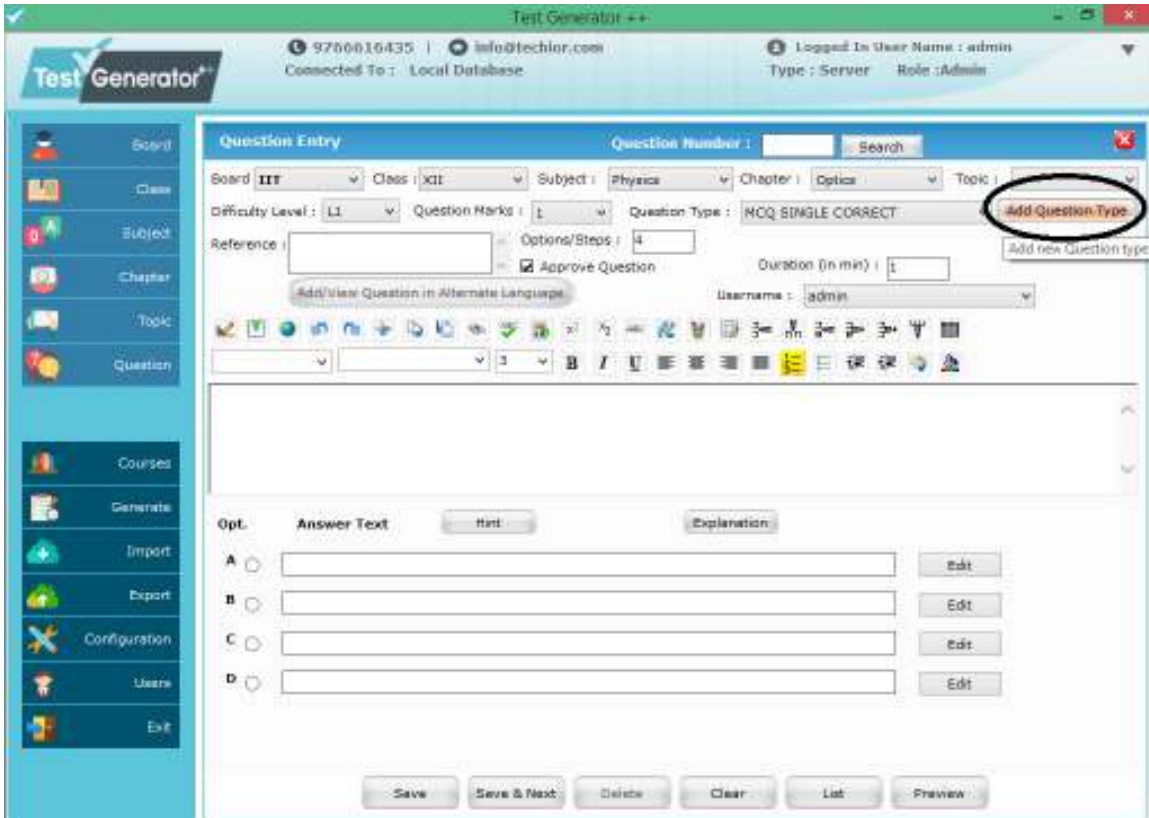
Using the “**Explanation**” button, you can specify any text in the Explanation field. This can be used to give the answer of the question. This is shown in the answer paper, which can be used as a reference by the teachers to correct the answer sheets of the students.

Press “**Save**” Button at the bottom of the page to save the question details.

How to add User Defined New Question Type:

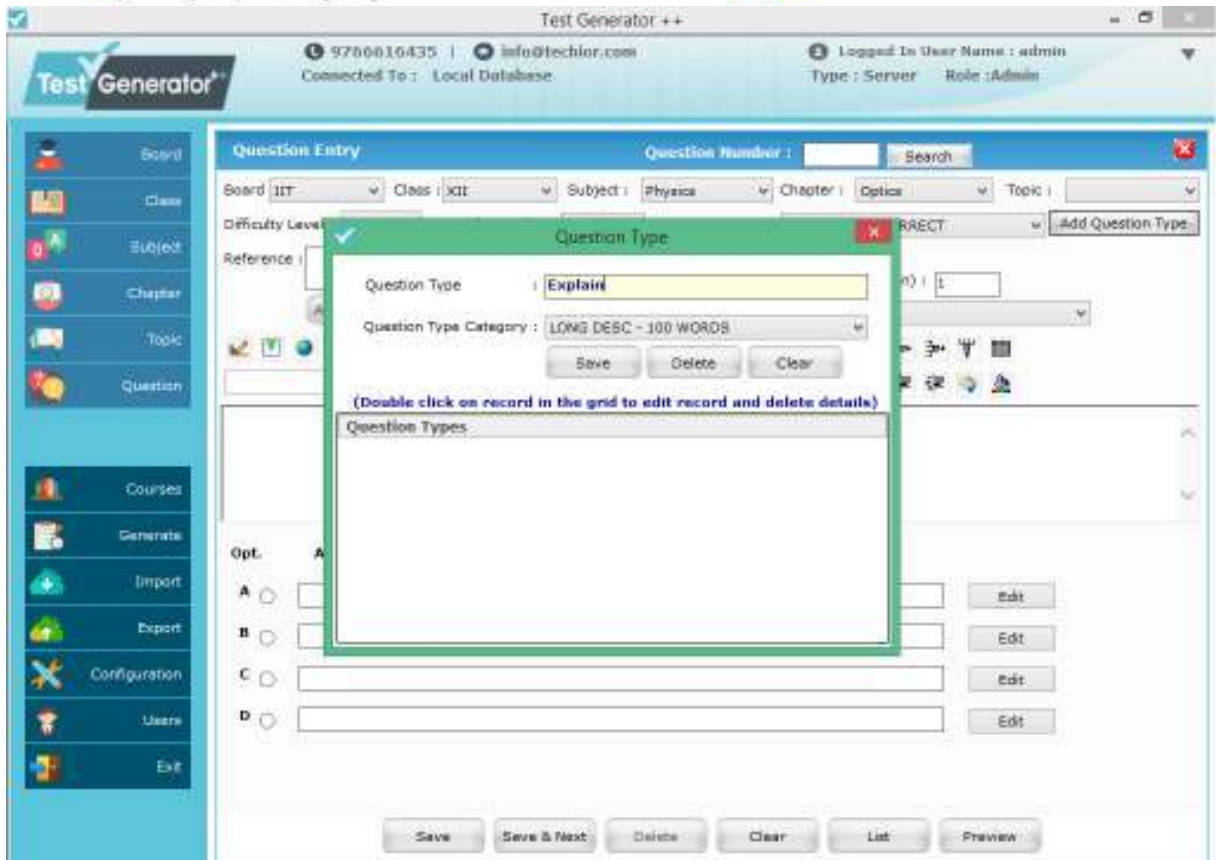
Users can define new question types according to their need.

Go to Add Question form. Click on “Add Question Type” button to define your own question type.



The screenshot shows the 'Test Generator++' application window. The top bar displays contact information (9760616435, info@techior.com) and user status (Logged In User Name: admin, Type: Server, Role: Admin). The left sidebar contains navigation options: Board, Class, Subject, Chapter, Topic, Question, Courses, Generate, Import, Export, Configuration, Users, and Exit. The main 'Question Entry' form includes fields for Question Number, Board (IIT), Class (XII), Subject (Physics), Chapter (Optics), Topic, Difficulty Level (LI), Question Marks (1), Question Type (MCQ SINGLE CORRECT), Reference, Options/Steps (4), Duration (1 min), and a checkbox for 'Approve Question'. A red circle highlights the 'Add Question Type' button. Below the form is a table for options with columns for 'Opt.', 'Answer Text', 'Hint', and 'Explanation'. The table has four rows labeled A, B, C, and D, each with an 'Edit' button. At the bottom are buttons for 'Save', 'Save & Next', 'Delete', 'Clear', 'List', and 'Preview'.

Click on Add Question Type, the following window will open.



Add question type & select question type category from the dropdown which matches with the question type added by the user. Then click on “Save”, Question type defined by the user is now saved successfully.

To Update or Delete a user-defined question type, double-click on Question Type in the grid.

New Question Type will be added in Question Type dropdown.

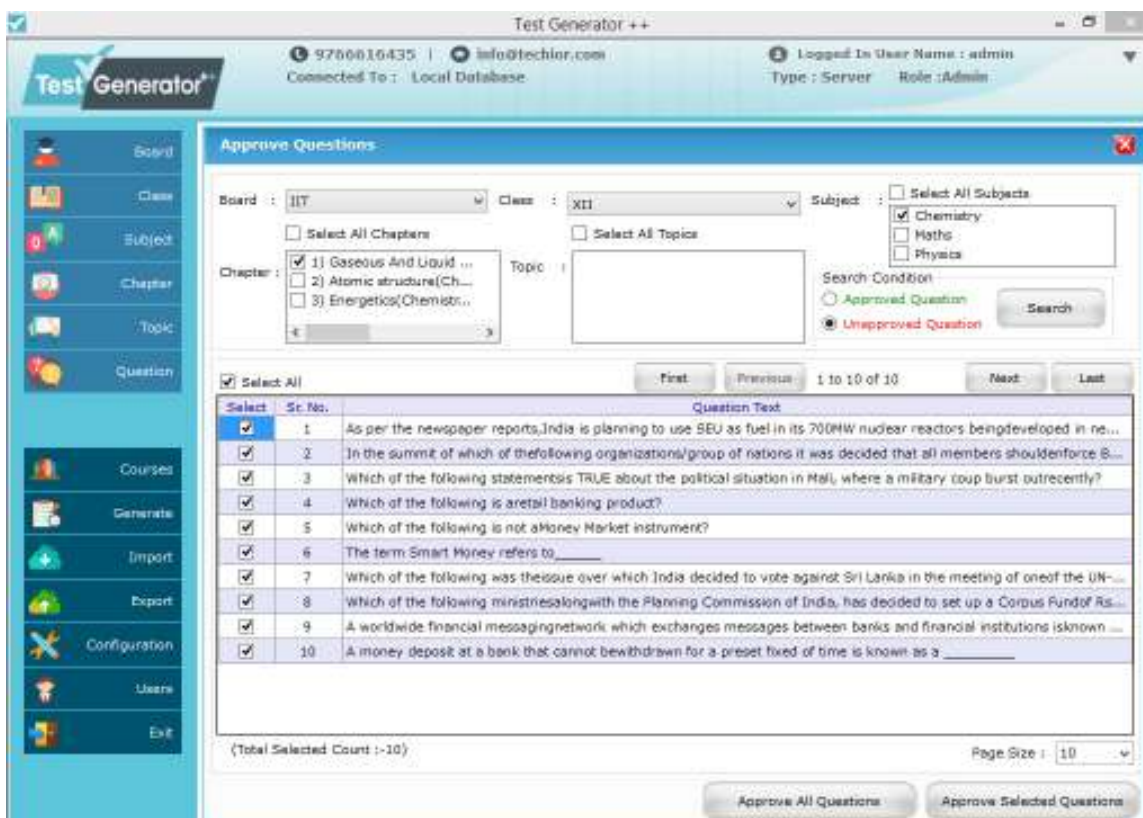
Now select Board, Class, Subject, Chapter & the recently added Question Type from the dropdown & type the question & click on save.

The Question is added under the particular user defined question type in particular chapter.

Approve Questions:

This feature is provided so that you can approve the questions before you use any question in a test. If a question is not approved, it will not appear in a test. By default, when questions are added, they are not approved. You can mark a question as “Approved” at the time of question entry or approve the questions in a lot after data entry is completed.

Once all the questions are added and /or imported, questions can be approved at a time, click on APPROVE button, will take you to the approve question form. Here select the board, class, subject & chapters & topics (if any) select the “Unapproved question” radio button & then click on search, it will show you the number of unapproved questions select the questions to be approved & then click on “Approve All Questions” or “Approve Selected Questions” button, it will show you the successful message.



The screenshot shows the 'Approve Questions' window in the Test Generator++ application. The interface includes a sidebar with navigation options: Board, Class, Subject, Chapter, Topic, Question, Courses, Generate, Import, Export, Configuration, Users, and Exit. The main window has a header with contact information and user details. Below the header, there are filters for Board (IIT), Class (XII), Subject (Chemistry), Chapter (1) Gaseous And Liquid, and Topic. A search condition is set to 'Unapproved Question'. A table lists 10 questions with checkboxes for selection. At the bottom, there are buttons for 'Approve All Questions' and 'Approve Selected Questions'.

| Select | Sr. No. | Question Text |
|-------------------------------------|---------|---|
| <input checked="" type="checkbox"/> | 1 | As per the newspaper reports, India is planning to use SEU as fuel in its 700MW nuclear reactors being developed in ne... |
| <input checked="" type="checkbox"/> | 2 | In the summit of which of the following organizations/group of nations it was decided that all members should enforce B... |
| <input checked="" type="checkbox"/> | 3 | Which of the following statements is TRUE about the political situation in Haiti, where a military coup burst out recently? |
| <input checked="" type="checkbox"/> | 4 | Which of the following is a retail banking product? |
| <input checked="" type="checkbox"/> | 5 | Which of the following is not a Money Market instrument? |
| <input checked="" type="checkbox"/> | 6 | The term Smart Money refers to _____ |
| <input checked="" type="checkbox"/> | 7 | Which of the following was the issue over which India decided to vote against Sri Lanka in the meeting of one of the UN... |
| <input checked="" type="checkbox"/> | 8 | Which of the following ministers along with the Planning Commission of India, has decided to set up a Corpus Fund of Rs... |
| <input checked="" type="checkbox"/> | 9 | A worldwide financial messaging network which exchanges messages between banks and financial institutions is known ... |
| <input checked="" type="checkbox"/> | 10 | A money deposit at a bank that cannot be withdrawn for a preset fixed of time is known as a _____ |

Test Generator ++

9766616435 | info@techior.com
Connected To: Local Database

Logged In User Name : admin
Type : Server Role : Admin

Test Generator ++

Board: ALL Class: Subject: Chapter: Topic: Search Question Id: Search Language: Default Language

Username: SELECT From Date: 04/04/2018 To Date: 04/04/2018 Search

ADD EDIT DELETE APPROVE First Previous 11 to 20 of 35 Next Last

| Sr. No. | Question Text | Marks | Status | Last Update Date |
|---------|---|-------|--------|------------------------|
| 11 | The following questions consists of two statements . Assertion and Reason. ... | 1 | ● | 04/04/2018 05:56:42 PM |
| 12 | If area enclosed by the curve is f (k) sq. unit, then the value of must be | 1 | ● | 04/04/2018 05:36:17 PM |
| 13 | Match the following columns Column 1Column 2A. Relative. Pyrometer hu... | 1 | ● | 04/04/2018 05:29:39 PM |
| 14 | Write the equation of the parabola shown in the graph below. | 1 | ● | 04/04/2018 04:40:09 PM |
| 15 | Find the equation of the parabola, with vertical axis of symmetry, that is ta... | 1 | ● | 04/04/2018 04:36:05 PM |
| 16 | What is the equation the parabola with x intercepts at x = 2 and x = -3, an... | 1 | ● | 04/04/2018 04:31:31 PM |
| 17 | What are the points of intersection of the line with equation 2x + 3y = 7 an... | 1 | ● | 04/04/2018 04:19:28 PM |
| 18 | Number of rational roots of the equation | 1 | ● | 04/04/2018 04:13:58 PM |
| 19 | If both roots of the equation $x^2 - ax + b^2 - 1 = 0$ lie in the interval $(-3,4)$ th... | 1 | ● | 04/04/2018 03:58:21 PM |
| 20 | If the harmonic mean between the roots of $= 0$ is 4 then the value of b is 4 ... | 1 | ● | 04/04/2018 03:54:12 PM |

Approved Questions : Unapproved Questions

Page Size : 10

Once the questions are approved, it will show the status of the questions as (●).

NOTE: Only the approved questions will be shown as available questions while generating the test(s).

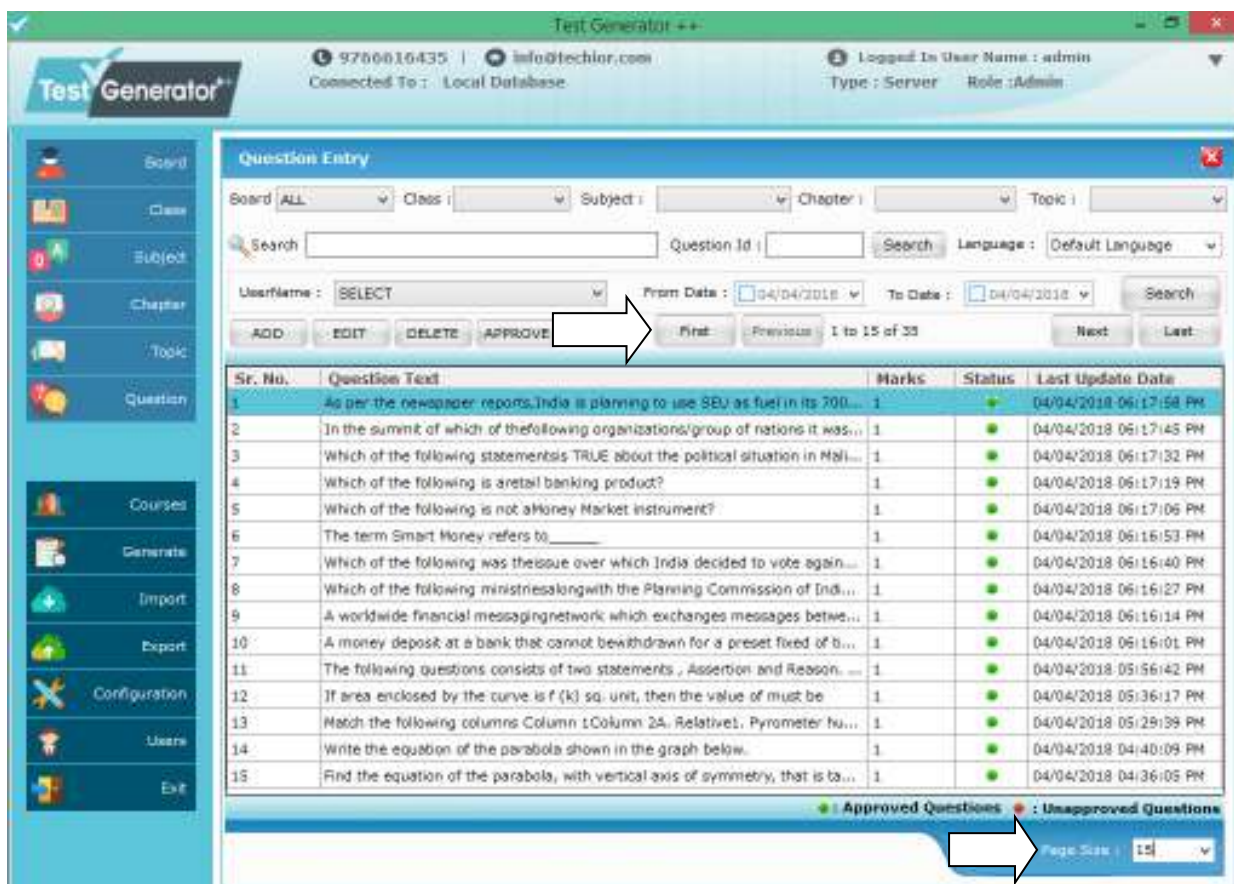
How to use the Pagination buttons:

All the listing pages have support for pagination. In the “**Page Size**” field which is shown in bottom right corner of page, you can set the number of entries that you want to see per page.

If there is a lot of data, then the next set of entries can be seen using the “**Next**” button.

You can go back and forth using the “**Previous**” and “**Next**” buttons respectively.

You can use the “**First**” and “**Last**” buttons to go to the beginning and to the end of the listing.



The screenshot shows the 'Test Generator ++' application interface. The top bar displays contact information, login status, and database connection details. A left sidebar contains navigation options like Board, Class, Subject, Chapter, Topic, and Question. The main area is titled 'Question Entry' and includes filters for Board, Class, Subject, Chapter, and Topic, along with search and date range options. Below these are buttons for ADD, EDIT, DELETE, and APPROVE. A table lists 15 questions with columns for Sr. No., Question Text, Marks, Status, and Last Update Date. At the bottom, there are buttons for 'First', 'Previous', 'Next', and 'Last', and a 'Page Size' dropdown menu set to 15. Arrows point to the 'APPROVE' button and the 'Page Size' dropdown.

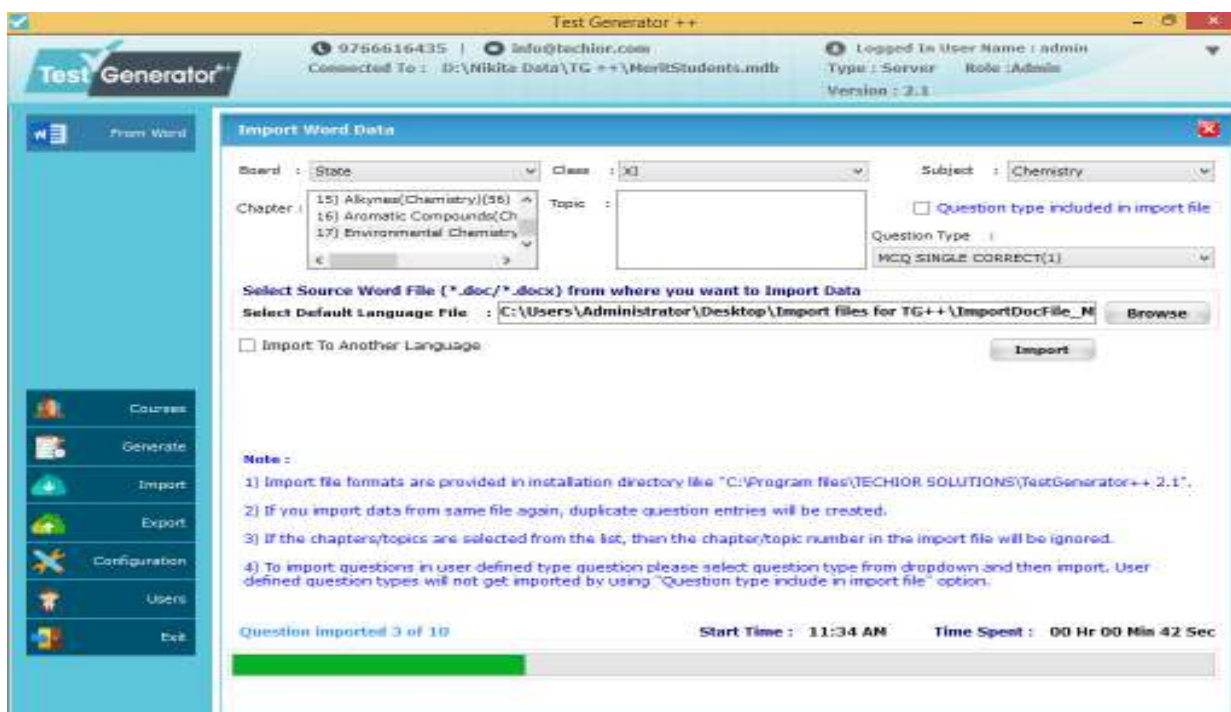
| Sr. No. | Question Text | Marks | Status | Last Update Date |
|---------|--|-------|--------|------------------------|
| 1 | As per the newspaper reports, India is planning to use SEU as fuel in its 700... | 1 | ✓ | 04/04/2018 06:17:58 PM |
| 2 | In the summit of which of the following organizations/group of nations it was... | 1 | ✓ | 04/04/2018 06:17:45 PM |
| 3 | Which of the following statements is TRUE about the political situation in Mali... | 1 | ✓ | 04/04/2018 06:17:32 PM |
| 4 | Which of the following is a retail banking product? | 1 | ✓ | 04/04/2018 06:17:19 PM |
| 5 | Which of the following is not a Money Market instrument? | 1 | ✓ | 04/04/2018 06:17:06 PM |
| 6 | The term Smart Money refers to _____ | 1 | ✓ | 04/04/2018 06:16:53 PM |
| 7 | Which of the following was the issue over which India decided to vote again... | 1 | ✓ | 04/04/2018 06:16:40 PM |
| 8 | Which of the following ministries along with the Planning Commission of Ind... | 1 | ✓ | 04/04/2018 06:16:27 PM |
| 9 | A worldwide financial messaging network which exchanges messages betwe... | 1 | ✓ | 04/04/2018 06:16:14 PM |
| 10 | A money deposit at a bank that cannot be withdrawn for a preset fixed of b... | 1 | ✓ | 04/04/2018 06:16:01 PM |
| 11 | The following questions consists of two statements , Assertion and Reason. ... | 1 | ✓ | 04/04/2018 05:56:42 PM |
| 12 | If area enclosed by the curve is f (k) sq. unit, then the value of must be | 1 | ✓ | 04/04/2018 05:36:17 PM |
| 13 | Match the following columns Column 1 Column 2 A. Relative. Pyrometer hu... | 1 | ✓ | 04/04/2018 05:29:39 PM |
| 14 | Write the equation of the parabola shown in the graph below. | 1 | ✓ | 04/04/2018 04:40:09 PM |
| 15 | Find the equation of the parabola, with vertical axis of symmetry, that is to... | 1 | ✓ | 04/04/2018 04:36:05 PM |

How to Import Questions from Word:

Click on “**Import**” tab from the bottom left menu.

Select the appropriate “Board”, “Class” and “Subject”. The list of chapters in the selected board, class and subject will appear. Click on any chapter to see the list of topics in that chapter. Now choose the Question Type. You can only import one type of questions from a word file at a time if you select question type from drop down. If you tick the check box for “**Question type included in import file**”, then you can import different type of questions at a time.

NOTE: If you want to import different types of questions at a time, use Import file format given in the installation directory which contains a column for **Question type id**. Click on “**Browse**” and select the path of the word file from which data is to be imported. Once the path is chosen, click on “**Import**” to import the questions from the selected word file. The data in the Word file must be entered in the format which should match with the format of import file in import doc files folder in the Test Generator ++ installation directory.



Test Generator ++

9756616435 | info@techior.com
Connected To : D:\NR\Bt Data\TG ++\MeritStudents.mdb
Logged In User Name : admin
Type : Server Role : Admin
Version : 2.1

From Word

Import Word Data

Board : State Class : XI Subject : Chemistry

Chapter : 15] Alkynes(Chemistry)(35)
16] Aromatic Compounds(Ch
17] Environmental Chemistry

Topic :

☐ Question type included in import file

Question Type : MCQ SINGLE CORRECT(1)

Select Source Word File (*.doc/*.docx) from where you want to Import Data

Select Default Language File : C:\Users\Administrator\Desktop\Import files for TG++\ImportDocFile_N Browse

☐ Import To Another Language

Import

Note :

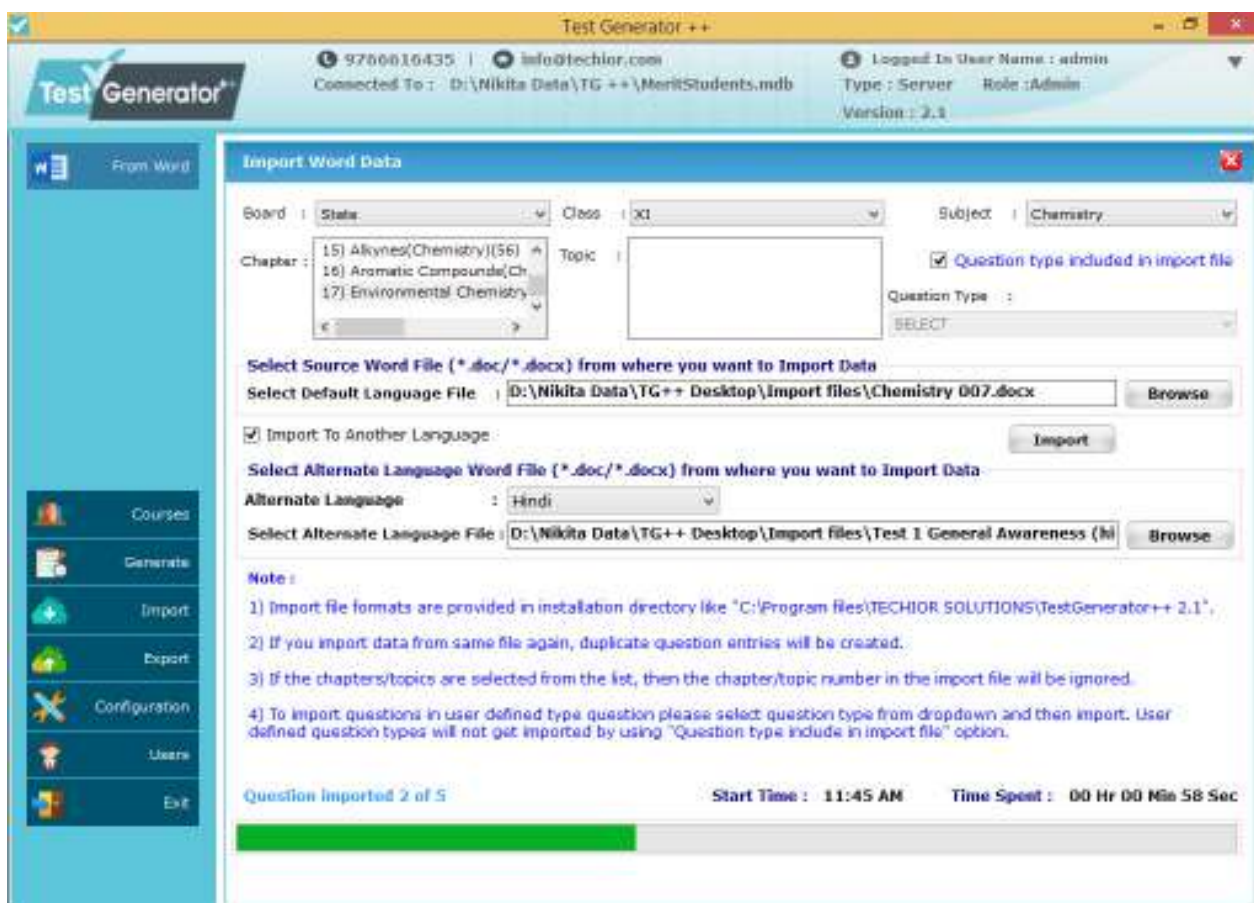
- 1) Import file formats are provided in installation directory like "C:\Program Files\TECHIOR SOLUTIONS\TestGenerator++ 2.1".
- 2) If you import data from same file again, duplicate question entries will be created.
- 3) If the chapters/topics are selected from the list, then the chapter/topic number in the import file will be ignored.
- 4) To import questions in user-defined type question please select question type from dropdown and then import. User defined question types will not get imported by using "Question type include in import file" option.

Question Imported 3 of 10 Start Time : 11:34 AM Time Spent : 00 Hr 00 Min 42 Sec

Note:

1. Keep the system in idle mode when “Import” is being used.
2. Do not use copy/paste functionality while import is in progress.
3. Do not open any other word document while import is in progress.

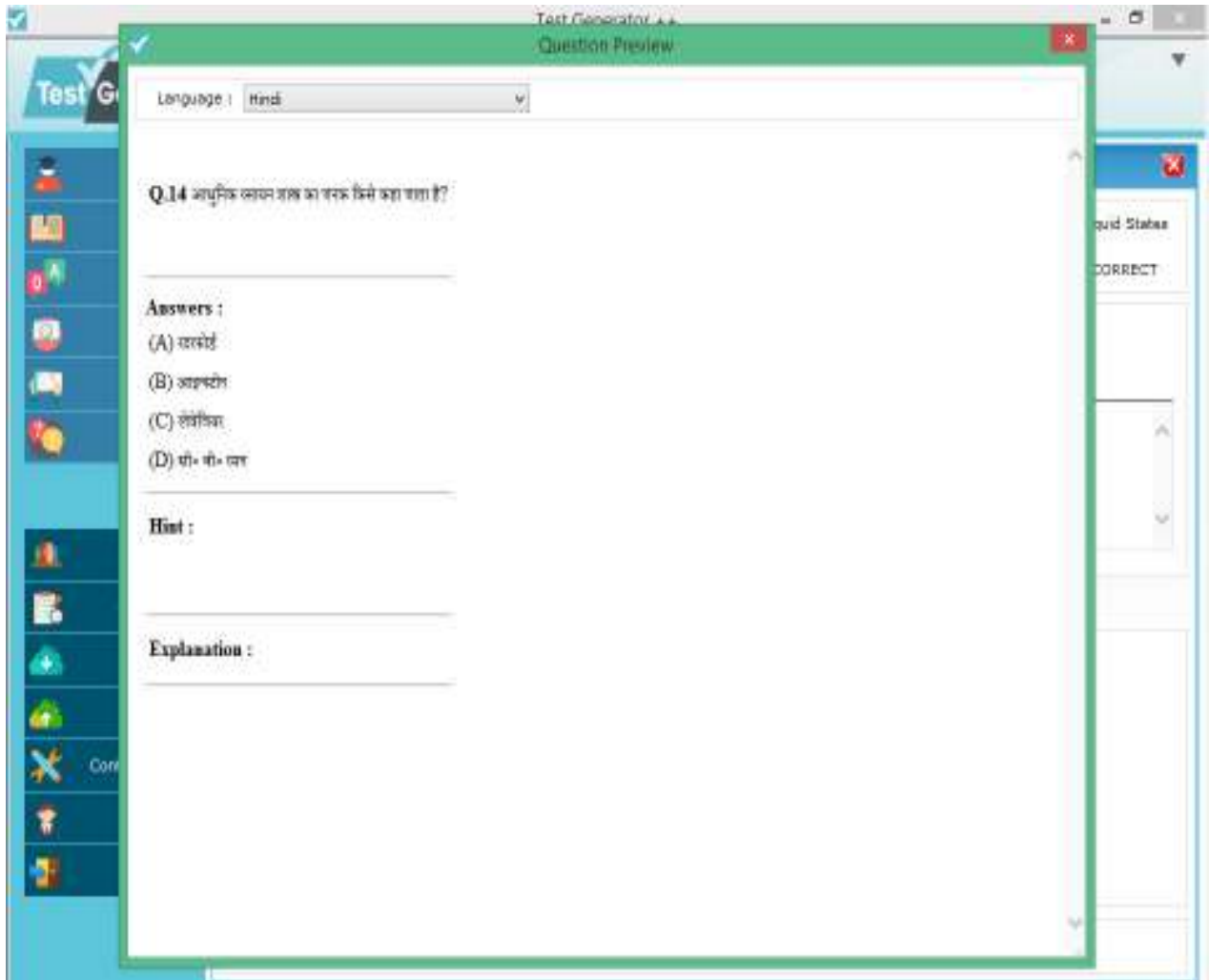
If you want to import questions in default & alternate language, then make two word files for both languages, tick the check box for Import to another language, select the alternate language from dropdown then select the files(for both default & alternate language) & then click on import.



The screenshot shows the 'Test Generator ++' application window. The title bar includes the phone number 9780616435, email info@techior.com, and login details for 'admin' (Type: Server, Role: Admin, Version: 2.1). The main window has a sidebar with icons for 'From Word', 'Courses', 'Generate', 'Import', 'Export', 'Configuration', 'Users', and 'Exit'. The 'Import Word Data' dialog is open, showing fields for Board (State), Class (XI), Subject (Chemistry), and Chapter (15) Alkynes(Chemistry)(56). It also has a 'Topic' field and a 'Question type included in import file' checkbox. Below these are fields for 'Select Source Word File' and 'Select Default Language File' (D:\Nikita Data\TG++ Desktop\Import files\Chemistry 007.docx). There is a checkbox for 'Import To Another Language' and an 'Import' button. Further down, there are fields for 'Select Alternate Language Word File' and 'Select Alternate Language' (Hindi), with a 'Browse' button. A 'Note' section contains four instructions about import file formats, duplicate entries, chapter/topic selection, and question type selection. At the bottom, it shows 'Question Imported 2 of 5', 'Start Time : 11:45 AM', and 'Time Spent : 00 Hr 00 Min 58 Sec'.

After importing the question in alternate language, go to question listing page, open the question in edit mode, click on PREVIEW button & from drop down change the language, it will show you the question in the alternate language in which you have

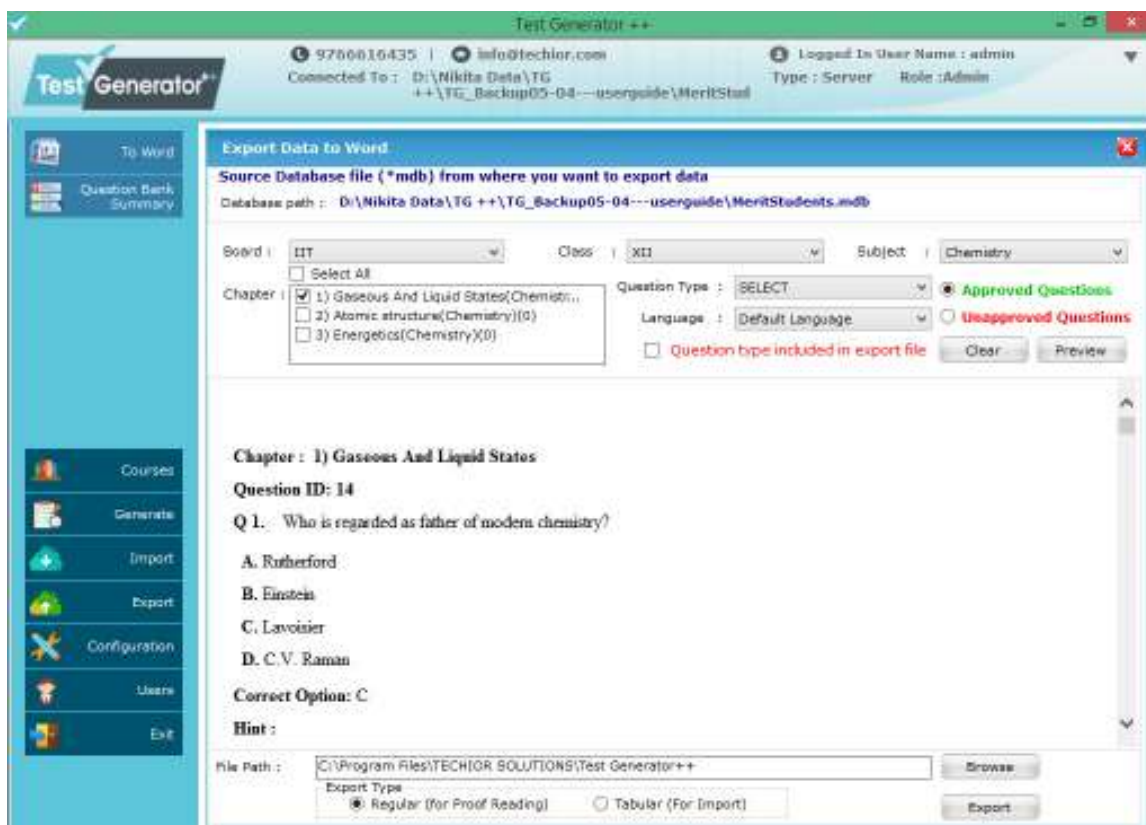
imported the question. The same thing will happen when you open the test in edit mode & change the language from drop down, it will show you test in the alternate language.



How to Export to MS Word:

The questions entered in the Test Generator ++ database can be exported into a Word document for proof reading.

Click on **"Export"** tab from the bottom left menu. Click "To word" now select "Board", "Class", and "Subject" from the drop-down list and select the Chapter(s) from which the questions have to be exported. You can also select type of question for export by using question type dropdown or you can check the checkbox for **"Question type included in export file"** to export all types of questions in one file. Select questions from either Approved or Unapproved question using radio button to export. You can also preview the questions to be exported using **"Preview"** button.



The screenshot shows the 'Export Data to Word' window of the Test Generator ++ application. The interface includes a sidebar with navigation options: 'To Word', 'Question Bank Summary', 'Courses', 'Generate', 'Import', 'Export', 'Configuration', 'Users', and 'Exit'. The main window displays the following settings:

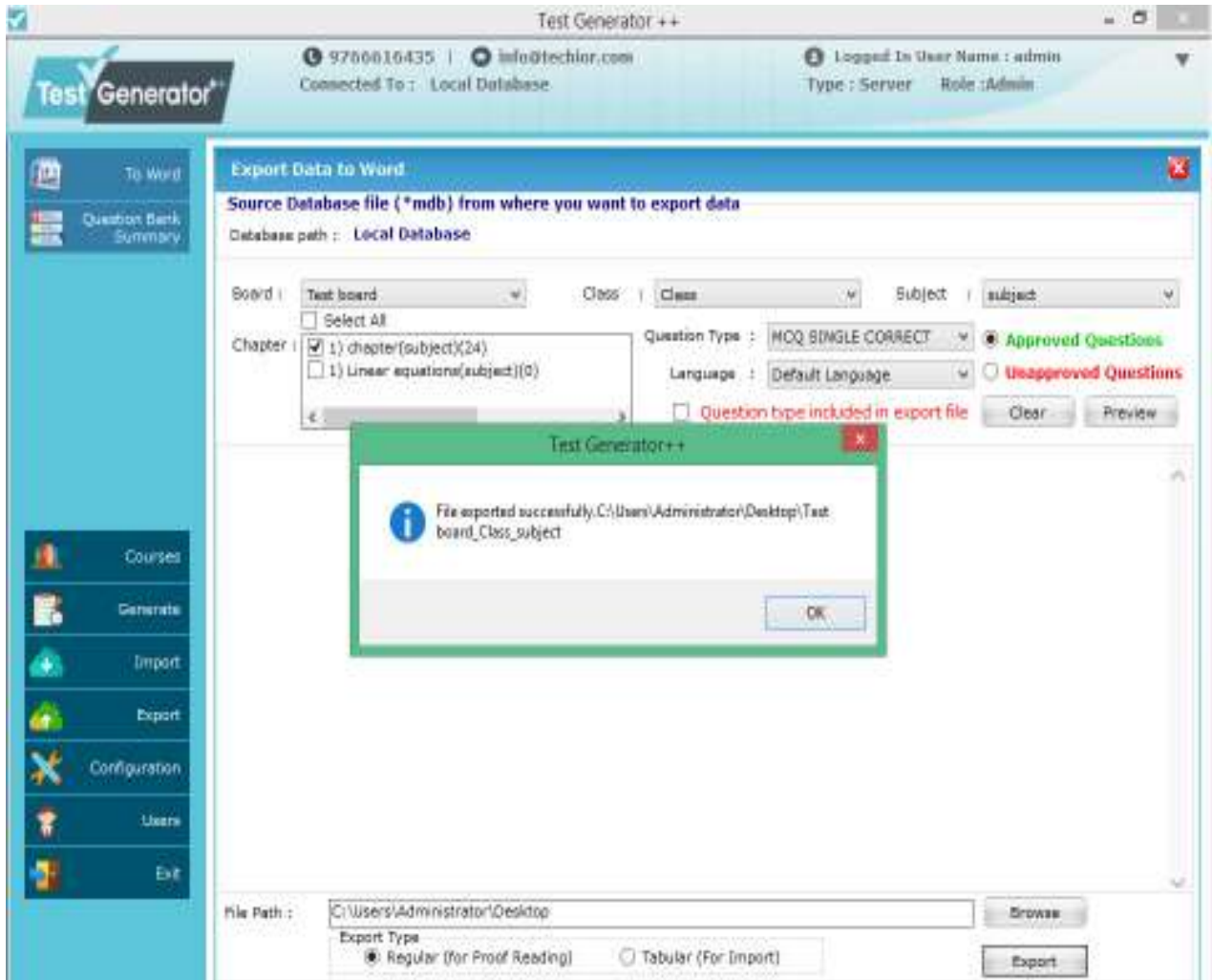
- Source Database file (*mdb) from where you want to export data:** Database path: D:\Nikita Data\TG ++\TG_Backup05-04---userguide\MeritStudents.mdb
- Board:** IIT
- Class:** XII
- Subject:** Chemistry
- Chapter:**
 - ☒ 1) Gaseous And Liquid States(Chemistry)
 - ☐ 2) Atomic structure(Chemistry)(0)
 - ☐ 3) Energetics(Chemistry)(0)
- Question Type:** SELECT
- Language:** Default Language
- Question type included in export file:** ☐ (unchecked)
- Radio buttons:** ☒ Approved Questions, ☐ Unapproved Questions
- Buttons:** Clear, Preview

Below the settings, a preview of the selected question is shown:

Chapter : 1) Gaseous And Liquid States
Question ID: 14
Q 1. Who is regarded as father of modern chemistry?
 A. Rutherford
 B. Einstein
 C. Lavoisier
 D. C.V. Raman
Correct Option: C
Hint :

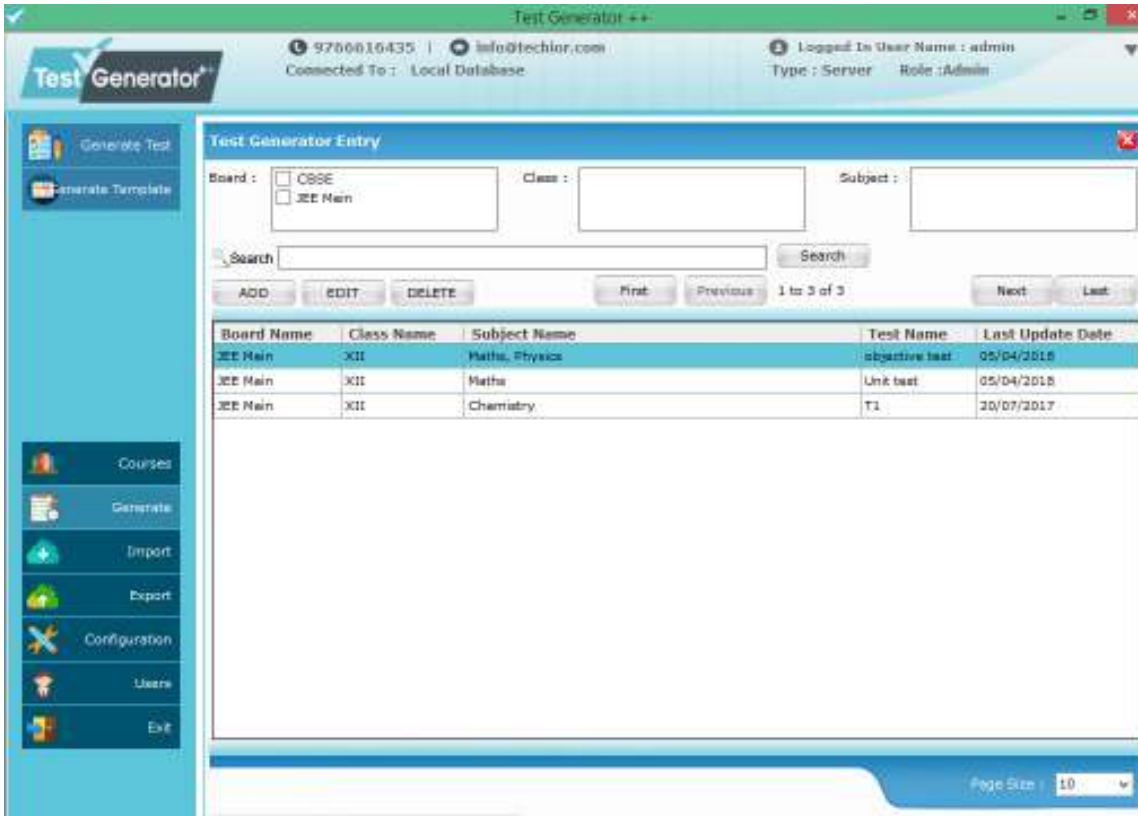
At the bottom, there is a 'File Path' field (C:\Program Files\TECHIOR SOLUTIONS\Test Generator++) and an 'Export Type' section with two options: ☒ Regular (For Proof Reading) and ☐ Tabular (For Import). An 'Export' button is located at the bottom right.

Then click "**Browse**" to choose the path where you want to save the word document. Default path is C:\TestGenerator. The data can be exported in regular format (for proof reading) & also in Tabular format(for import). Select the radio button for export type & then click on "**Export**". Confirmation Message will pop-up when export is completed.



How to generate a Test

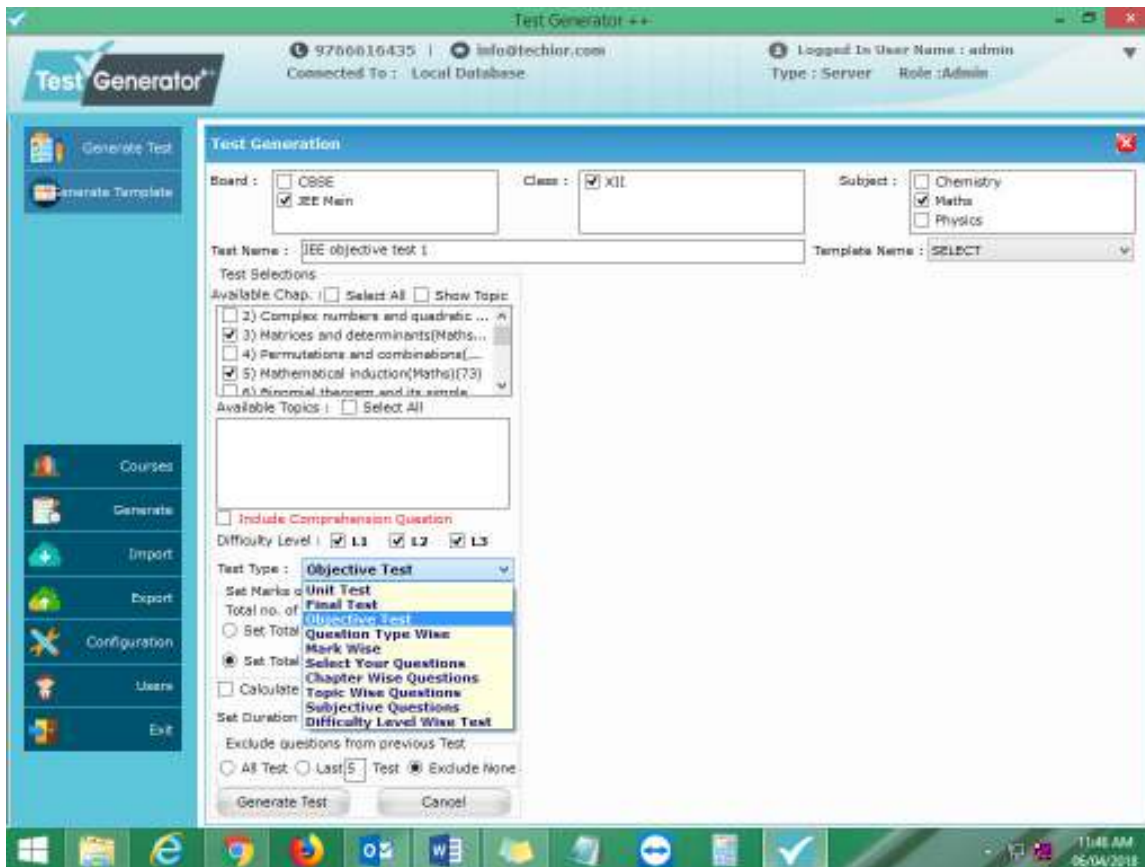
Click on the "**Generate Test**" tab on the left bottom pane. This opens up the Test Generator ++ listing form in the right pane. Here you can see the list of all the question papers that have been generated so far.



| Board Name | Class Name | Subject Name | Test Name | Last Update Date |
|------------|------------|----------------|----------------|------------------|
| JEE Main | XII | Maths, Physics | objective test | 05/04/2018 |
| JEE Main | XII | Maths | Unit test | 05/04/2018 |
| JEE Main | XII | Chemistry | T1 | 20/07/2017 |

Click on the “**Add**” tab to create a new question paper. This opens up the Test Generator ++ Entry form in the right pane.

In the Test Generator ++ Entry form, select the Board, Class and Subject for which the question paper has to be generated.



Enter a Test Name. This is the name given to the test that you will generate.
You can use any notation to identify the test that you generate.
For example: “Unit Test – 1”, “UnitTest-Sept08”, “FinalTest-March08”, etc.

Select the chapters from which the question paper has to be generated. To select the chapters, use the checkboxes provided next to the chapter name listing.
Click on “Show Topic” checkbox to see the list of topics in the selected chapters.
Select the topics using the checkboxes provided next to the topic name listing.
If comprehension type of question exists in database & you want this type of questions to be there in test, tick the check box for “**Include Comprehension Questions**”.

Select the type of test that you want to generate. There are 10 types of tests that can be generated:

Unit test: This allows you to create a unit test paper from a selected set of chapters. This type of test contains objective as well as subjective (descriptive) type of questions. You can choose the paper to be based on either the Total Marks or the Total Questions.

This type of test can be used to generate a question paper for mid-term exams.

Final test: When this option is selected, questions are picked from all the chapters in the selected subject. Also, all types of questions are included in the paper – objective as well as subjective (descriptive).

This type of test should be used to generate a question paper for the final exams (or as a practice test for the final exams).

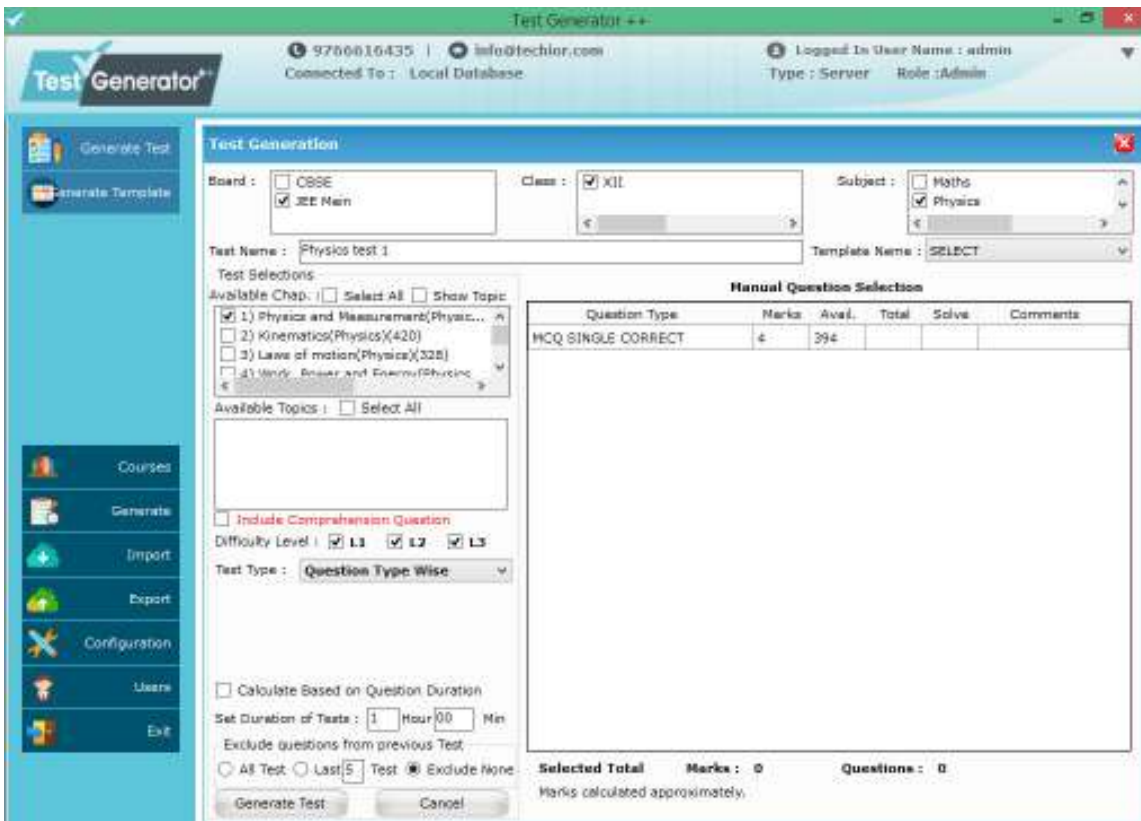
Objective test: This test type allows you to create a test paper with only objective type questions from the selected chapters. The objective type questions can include multiple choice questions (with single correct or multiple correct answers) and true or false type of questions.

This type of test should be used for generating a question paper with only objective type questions – this can be used for class tests, quiz, etc.

Question Type Wise: This option is provided as a convenient tool for teachers to be able to define the breakup of the question paper. They can choose the questions based on the question type. The total number of questions available for each question type is shown. Here, teachers are free to select the number of questions of each question type category.

In this type of test, the total number of questions and the total number of marks are calculated and shown to you as you make your selections of the questions.

This type of test is useful when teachers want to generate a questions paper with specific number of questions of each type.



Test Generator ++

9760016435 | info@techior.com
Connected To : Local Database

Logged In User Name : admin
Type : Server Role : Admin

Test Generation

Board : ☐ CBSE ☒ JEE Main Class : ☒ XII Subject : ☐ Maths ☒ Physics

Test Name : Physics test 1 Template Name : SELECT

Test Selections:
Available Chap.: ☐ Select All ☐ Show Topic

- ☒ 1) Physics and Measurement(Physic...
- ☐ 2) Kinematics(Physics)(420)
- ☐ 3) Laws of motion(Physics)(328)
- ☐ 4) Work, Power and Energy(Physics)

Available Topics : ☐ Select All

☐ Include Comprehension Question

Difficulty Level : ☒ L1 ☒ L2 ☒ L3

Test Type : Question Type Wise

☐ Calculate Based on Question Duration

Set Duration of Tests : 1 Hour 00 Min

Exclude questions from previous Test

☐ All Test ☐ Last 5 Test ☒ Exclude None

Generate Test Cancel

Manual Question Selection

| Question Type | Marks | Avail. | Total | Solve | Comments |
|--------------------|-------|--------|-------|-------|----------|
| MCQ SINGLE CORRECT | 4 | 394 | | | |

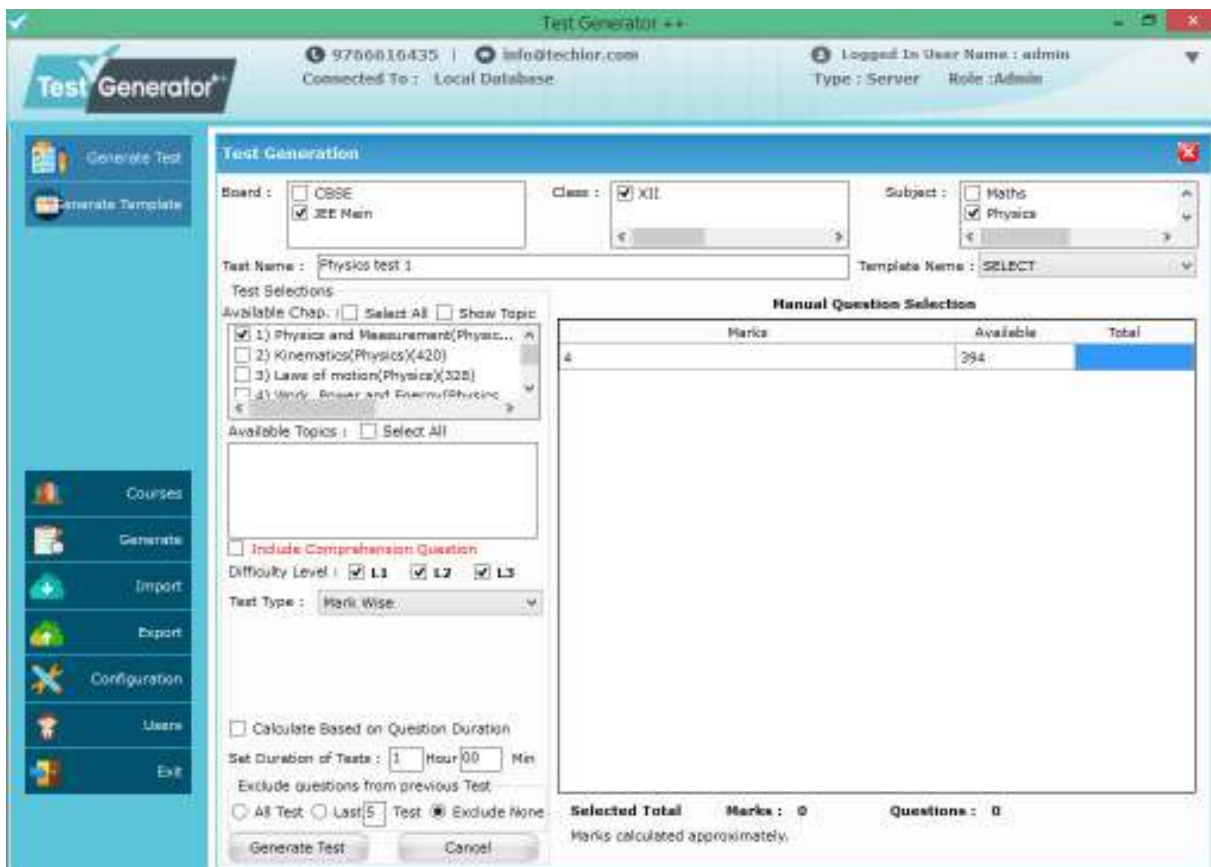
Selected Total Marks : 0 Questions : 0

Marks calculated approximately.

Mark Wise: Using this type of test, teachers can define the breakup of the question paper based on marks of each question. The total number of questions which are available for different marks categories are shown. Here, teachers are free to select the number of questions of different marks category. For example: teachers can create a question paper with 5 questions of 1 mark each, 4 questions of 2 marks each, 6 questions of 4 marks each and 2 questions of 6 marks each.

In this type of test also, the total number of questions and the total number of marks are calculated and shown to you as you make your selections of the questions.

This type of test is useful when teachers want to generate a questions paper with specific number of questions of each mark category.



Test Generator ++

9766616435 | info@techior.com | Logged In User Name : admin
Connected To : Local Database | Type : Server | Role : Admin

Test Generation

Board : ☐ CBSE ☒ JEE Main Class : ☒ XII Subject : ☐ Maths ☒ Physics

Test Name : Physics test 1 Template Name : SELECT

Test Selections:

Available Chap: ☐ Select All ☐ Show Topic

☒ 1) Physics and Measurement(Physics...
☐ 2) Kinematics(Physics)(420)
☐ 3) Laws of motion(Physics)(328)
☐ 4) Work, Power and Energy(Physics)

Available Topics : ☐ Select All

☐ Include Comprehension Question

Difficulty Level : ☒ L1 ☒ L2 ☒ L3

Test Type : Mark Wise

☐ Calculate Based on Question Duration

Set Duration of Tests : 1 Hour 00 Min

Exclude questions from previous Test

☐ All Test ☐ Last 5 Test ☒ Exclude None

Generate Test Cancel

Manual Question Selection

| Marks | Available | Total |
|-------|-----------|-------|
| 4 | 294 | |

Selected Total Marks : 0 Questions : 0

Marks calculated approximately.

Select Your Questions: Using this option, teachers can actually pick the questions that should appear in the question paper. A list of questions is provided for each question type that is selected, and the teachers can pick a question using the checkbox provided next to the question.

This type of test should be used when teachers want specific questions to appear in the question paper.

In this type of test, the total number of questions, the total number of marks and the duration of the test are calculated as the questions are being picked from the listing.

Test Generator ++

9780016435 | info@techior.com
Connected To : Local Database

Logged In User Name : admin
Type : Server Role : Admin

Test Generator

Generate Test
Generate Template

Edit Mode : Physics Test 1

Board : ☐ CBSE ☒ JEE Main Class : ☒ XII Subject : ☐ Chemistry ☐ Maths ☒ Physics

Chapter : ☒ 1) Physics and Measurement... ☐ 2) Kinematics(Physics)(4... ☐ 3) Laws of motion(Physics) Topic : Search by Question Id : Search

Exclude questions from previous Test : ☐ All Test ☐ Last 5 Test ☒ Exclude None Question Type : SELECT Difficulty Level : ☒ Low ☒ Mid ☒ High

Available Questions (Double click to preview complete question content) First Prev 1 to 6 of 388 Next Last

| Que.Id | Select | Sub Name | Chp.No | Question Text | Marks | Grp.Id | Level |
|--------|-------------------------------------|----------|--------|---|-------|--------|-------|
| 15764 | <input checked="" type="checkbox"/> | Physics | 1 | In the formula $X = 3YZ$, X and Z have dimensions of capacitance... | 4 | 0 | 1 |
| 15765 | <input type="checkbox"/> | Physics | 1 | The dimensions of $E =$ electric field is | 4 | 0 | 1 |
| 15766 | <input type="checkbox"/> | Physics | 1 | A quantity X is given by where is the permittivity of free space, L is... | 4 | 0 | 1 |
| 15767 | <input type="checkbox"/> | Physics | 1 | A cube has a side of length l. Calculate its volume | 4 | 0 | 1 |
| 15768 | <input type="checkbox"/> | Physics | 1 | In the relation: P is pressure, Z is distance, k is Boltzmann constant... | 4 | 0 | 1 |
| 15769 | <input type="checkbox"/> | Physics | 1 | A wire has a mass g, radius mm and length cm. The maximum perc... | 4 | 0 | 1 |

Total Available Questions :- 388

Selected Questions (Double click to preview complete question content)

| Que.Id | Se.No | Sub Name | Chp.No | Question Text | Marks | Grp.Id | Level | C | T |
|--------|-------|----------|--------|----------------------------|-------|--------|-------|---|---|
| 15764 | 4 | Physics | 1 | The vectors ... | 4 | 0 | 1 | N | |
| 15763 | 6 | Physics | 1 | If $\theta = 0$ and the... | 4 | 0 | 1 | N | |
| 15766 | 6 | Physics | 1 | The relative d... | 4 | 0 | 1 | N | |
| 15768 | 6 | Physics | 1 | The gap of fe... | 4 | 0 | 1 | N | |
| 15767 | 6 | Physics | 1 | What is the p... | 4 | 0 | 1 | N | |

Total Selected Questions :- 6

☐ Calculate Based on Question Duration : Selected question appeared in last FIVE tests

Duration : 0 Hours 0 Mins

Chapter wise Questions: Using this option, teachers can actually pick the questions in combination of chapter wise and mark wise together. For ex. 5 questions from chapter one of 1 marks and 5 questions from chapter one of 2 marks.

This type of test should be used when test need to be generated with mentioned number of questions of particular marks from particular chapter.

Enter no of questions that you want in test from “Enter the no of questions” column then enter the duration of test or you can auto calculate it by checking the checkbox for “Calculate Based on Question Duration”.

Test Generator ++

9780016435 | info@techior.com
Connected To : Local Database

Logged In User Name : admin
Type : Server Role : Admin

Test Generator

Generate Test
Generate Template

Courses
Generate
Import
Export
Configuration
Users
Exit

Test : Physics test 1

Exclude questions from previous test
☐ All Tests
☐ Last 5 Tests
☒ Exclude None

Difficulty Level : ☒ L1 ☒ L2 ☒ L3

Available Chapterwise Questions

| Chapter No. | Chapter Name | Question Type Name | Marks | Available Questions | Enter No. Of Questions |
|-------------|----------------------------------|--------------------|-------|---------------------|------------------------|
| 1 | Physics and Measurement | MCQ SINGLE CORRECT | 4 | 334 | |
| 2 | Kinematics | MCQ SINGLE CORRECT | 4 | 430 | |
| 3 | Laws of motion | MCQ SINGLE CORRECT | 4 | 328 | |
| 5 | Rotational Motion | MCQ SINGLE CORRECT | 4 | 360 | |
| 6 | Gravitation | MCQ SINGLE CORRECT | 4 | 232 | |
| 7 | Properties of Solids and Liquids | MCQ SINGLE CORRECT | 4 | 368 | |
| 8 | Thermodynamics | MCQ SINGLE CORRECT | 4 | 425 | |
| 21 | Solved Paper 2002 | MCQ SINGLE CORRECT | 4 | 75 | |
| 22 | Solved Paper 2003 | MCQ SINGLE CORRECT | 4 | 75 | |
| 23 | Solved Paper 2004 | MCQ SINGLE CORRECT | 4 | 75 | |
| 24 | Solved Paper 2005 | MCQ SINGLE CORRECT | 4 | 74 | |
| 25 | Solved Paper 2006 | MCQ SINGLE CORRECT | 4 | 55 | |
| 26 | Solved Paper 2007 | MCQ SINGLE CORRECT | 4 | 40 | |
| 27 | Solved Paper 2008 | MCQ SINGLE CORRECT | 4 | 30 | |
| 28 | Solved Paper 2009 | MCQ SINGLE CORRECT | 4 | 25 | |
| 29 | Solved Paper 2010 | MCQ SINGLE CORRECT | 4 | 28 | |
| 30 | Solved Paper 2011 | MCQ SINGLE CORRECT | 4 | 30 | |

Total Available Questions : 6478

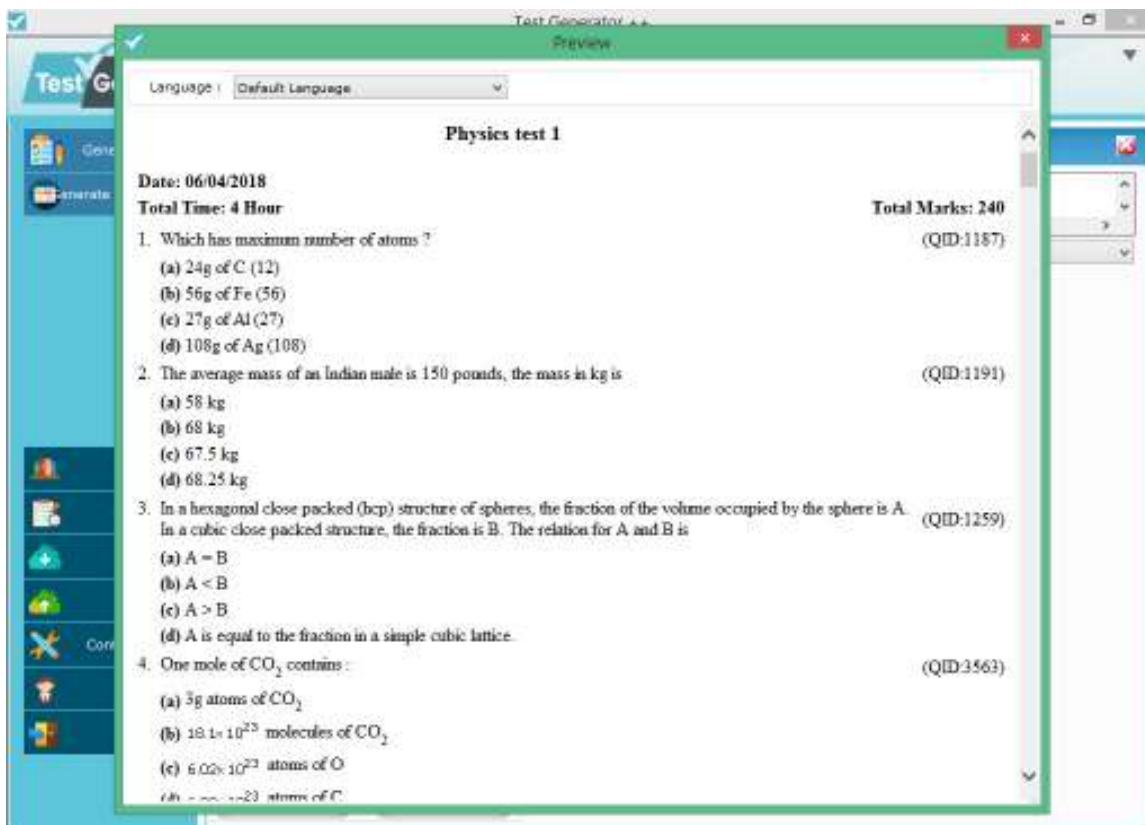
Total Questions Selected : Total Marks Selected :

☐ Calculate based on question duration

Duration : Hours Mins

Generate Test Cancel

Once the above selections have been made, click on the **“Generate”** button at the bottom of the screen. This generates the question paper based on the selections made and shows a preview of the paper. Here the teachers can see the questions that have been picked, the marks for each question as well as total marks, duration for the test, etc.



Once the test preview form has been closed, the Test Generator ++ entry form shows the details of the test that was last generated. These details include the name of the test, the subject for which the test has been generated, the total number of questions in the test, total marks, total time and the chapters from which the question paper has been prepared. See screenshot below.

Test Generator ++

9760016435 | info@techior.com
Connected To : Local Database

Logged In User Name : admin
Type : Server Role : Admin

Test Generator

Generate Test
Generate Template

Board : ☐ CBSE ☒ JEE Main Class : ☒ XII Subject : ☒ Chemistry ☒ Maths

Test Name : Physics test 1

Testtype : 7)Chapter Wise Questions
Subject : 1)Chemistry, 2)Maths, 3)Physics
Total Marks : 240
Total Time : 4 Hour
Chapters : 1, 1, 2, 2, 2, 3

Preview Save Export Back Edit test Test Analysis

Chapterwise distribution of test questions

| Ch. No. | Sub. Name | Chapter Name | Topic No. | Topic Name | Question Ty |
|---------|-----------|---|-----------|------------|--------------|
| 1 | Chemistry | Some basic concepts in chemistry | 0 | NO TOPIC | MCQ SINGLE C |
| 2 | Chemistry | States of matter | 0 | NO TOPIC | MCQ SINGLE C |
| 1 | Maths | Sets, Relations and Functions | 0 | NO TOPIC | MCQ SINGLE C |
| 2 | Maths | Complex numbers and quadratic equations | 0 | NO TOPIC | MCQ SINGLE C |
| 2 | Physics | Kinematics | 0 | NO TOPIC | MCQ SINGLE C |
| 3 | Physics | Laws of motion | 0 | NO TOPIC | MCQ SINGLE C |

Courses
Generate
Import
Export
Configuration
Users
Exit

Topic wise Questions:

Using this option, teachers can actually pick the questions in combination of topic wise and mark wise together. For ex. 5 questions from topic of 1 marks and 5 questions from topic one of 2 marks.

This type of test should be used when test need to be generated with mentioned number of questions of particular marks from particular topic of a particular chapter.

Enter no of questions that you want in test from “Enter the no of questions” column then enter the duration of test or you can auto calculate it by checking the checkbox for “Calculate Based on Question Duration”.

Test Generator ++

9760616435 | info@techior.com
Connected To : Local Database

Logged In User Name : admin
Type : Server Role : Admin

Test Generator

Generate Test
Generate Template

Exclude questions from previous test
☐ All Tests ☐ Last 5 Tests ☒ Exclude None

Difficulty Level : ☒ L1 ☒ L2 ☒ L3

Available Topicwise Questions

| Chapter No. | Chapter Name | Topic No. | Topic Name | Question Type Name | Marks | Available Questions | Enter No. of Questions |
|-------------|--------------|-----------|------------|-----------------------|-------|---------------------|------------------------|
| 1 | chapter | 1 | Equations | MCQ SINGLE CORRECT | 1 | 3 | 3 |
| 1 | chapter | 1 | Equations | MCQ MULTIPLE CORRECT | 1 | 2 | 2 |
| 1 | chapter | 1 | Equations | TRUE/FALSE | 1 | 3 | 2 |
| 1 | chapter | 1 | Equations | COMPLETE THE ANSWER | 1 | 1 | 0 |
| 1 | chapter | 1 | Equations | FILL IN THE BLANKS | 1 | 3 | 3 |
| 1 | chapter | 1 | Equations | VERY SHORT DESC | 1 | 2 | 1 |
| 1 | chapter | 1 | Equations | SHORT DESC - 25 WORDS | 1 | 2 | 2 |
| 1 | chapter | 1 | Equations | MED DESC - 50 WORDS | 1 | 2 | |
| 1 | chapter | 1 | Equations | LONG DESC - 100 WORDS | 1 | 2 | |
| 1 | chapter | 1 | Equations | COMPREHENSION | 1 | 3 | |
| 1 | chapter | 1 | Equations | INTEGER TYPE | 1 | 1 | |

Total Available Questions : 24

Total Questions Selected : 13 Total Marks Selected : 13

☒ Calculate based on question duration

Duration : Hours Mins

Generate Test Cancel

Preview of topic wise test:

TEST GENERATOR ++
Preview

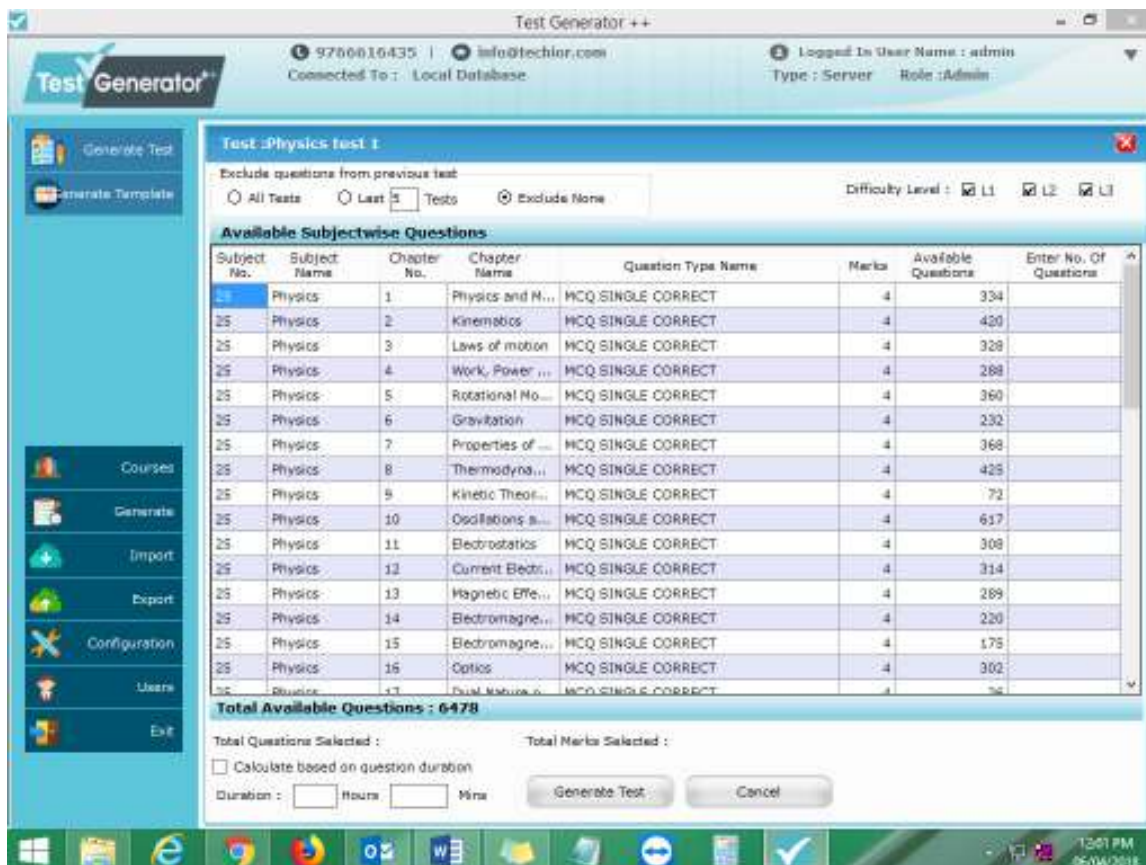
Language : Default Language

Equations test

Date: 06/04/2018
Total Time: 13 Mins
Total Marks: 13

1. Mcq single correct q (QID:23614)
 - (a) 1
 - (b) 2
 - (c) 3-4
 - (d) 6
2. A money deposit at a bank that **cannot** be withdrawn for a preset fixed of time is known as a. (QID:23626)
 - (a) Term deposit
 - (b) Checking Account
 - (c) Savings Bank Deposit
 - (d) No Frills Account
 - (e) Current Deposit
3. In excel file add two cells in one cell is called as? (QID:23640)
 - (a) Join cells
 - (b) Merge cells
 - (c) Merge tables
 - (d) Join table
4. mcq multiple correct q (QID:23615)
 - (a) 1
 - (b) 2

Subject wise Questions: Using this option, teachers can actually pick the questions in combination of Subject (Multi subject Test). For ex. 30 questions from Physics, 30 questions from Chemistry & 30 questions from Math's.



The screenshot shows the 'Test Generator ++' application window. The title bar reads 'Test Generator ++'. The interface includes a sidebar with buttons: 'Generate Test', 'Generate Template', 'Courses', 'Generate', 'Import', 'Export', 'Configuration', 'Users', and 'Exit'. The main area is titled 'Test : Physics test 1'. It has options to 'Exclude questions from previous test' (All Tests, Last 5 Tests, Exclude None) and 'Difficulty Level' (L1, L2, L3). Below this is a table of 'Available Subjectwise Questions'.

| Subject No. | Subject Name | Chapter No. | Chapter Name | Question Type Name | Marks | Available Questions | Enter No. Of Questions |
|-------------|--------------|-------------|-------------------|--------------------|-------|---------------------|------------------------|
| 25 | Physics | 1 | Physics and N... | MCQ SINGLE CORRECT | 4 | 334 | |
| 25 | Physics | 2 | Kinematics | MCQ SINGLE CORRECT | 4 | 420 | |
| 25 | Physics | 3 | Laws of motion | MCQ SINGLE CORRECT | 4 | 328 | |
| 25 | Physics | 4 | Work, Power ... | MCQ SINGLE CORRECT | 4 | 288 | |
| 25 | Physics | 5 | Rotational Mo... | MCQ SINGLE CORRECT | 4 | 360 | |
| 25 | Physics | 6 | Gravitation | MCQ SINGLE CORRECT | 4 | 232 | |
| 25 | Physics | 7 | Properties of ... | MCQ SINGLE CORRECT | 4 | 368 | |
| 25 | Physics | 8 | Thermodyna... | MCQ SINGLE CORRECT | 4 | 425 | |
| 25 | Physics | 9 | Kinetic Theor... | MCQ SINGLE CORRECT | 4 | 72 | |
| 25 | Physics | 10 | Oscillations a... | MCQ SINGLE CORRECT | 4 | 617 | |
| 25 | Physics | 11 | Electrostatics | MCQ SINGLE CORRECT | 4 | 308 | |
| 25 | Physics | 12 | Current Eectr... | MCQ SINGLE CORRECT | 4 | 314 | |
| 25 | Physics | 13 | Magnetic Effe... | MCQ SINGLE CORRECT | 4 | 289 | |
| 25 | Physics | 14 | Electromagne... | MCQ SINGLE CORRECT | 4 | 220 | |
| 25 | Physics | 15 | Electromagne... | MCQ SINGLE CORRECT | 4 | 175 | |
| 25 | Physics | 16 | Optics | MCQ SINGLE CORRECT | 4 | 302 | |
| 25 | Physics | 17 | Qual. Nature o... | MCQ SINGLE CORRECT | 4 | 36 | |

Below the table, it says 'Total Available Questions : 6478'. There are fields for 'Total Questions Selected :', 'Total Marks Selected :', and a checkbox 'Calculate based on question duration'. A 'Duration' field is set to 0 hours and 0 mins. 'Generate Test' and 'Cancel' buttons are at the bottom.

Difficulty level wise: Using this option, teachers can actually pick the questions in combination of difficulty level of question in test. For ex. 30 questions from level 1 which is easy level, 30 questions from level 2 which is medium level & 30 questions from level3 which is hard level. Select the question for test then set test duration and click “Generate test” button to generate test.

Test Generator ++

9780016435 | info@techior.com
Connected To : Local Database

Logged In User Name : admin
Type : Server Role : Admin

Test Generator

Generate Test
Generate Template

Board : ☒ CBSE ☐ JEE Main Class : ☒ XII Subject : ☒ Maths

Test Name : difficulty level test Template Name : SELECT

Test Selections
Available Chap : ☐ Select All ☐ Show Topic
☒ 1) chapter(Maths)(24)
☐ 1) Linear equations(Maths)(0)

Available Topics : ☐ Select All

☐ Include Comprehension Question
Difficulty Level : ☒ L1 ☒ L2 ☒ L3
Test Type : Difficulty Level Wise Test

☐ Calculate Based on Question Duration
Set Duration of Tests : 1 Hour 00 Min
Exclude questions from previous Test
☐ All Test ☐ Last 5 Test ☒ Exclude None

Generate Test Cancel

Manual Question Selection

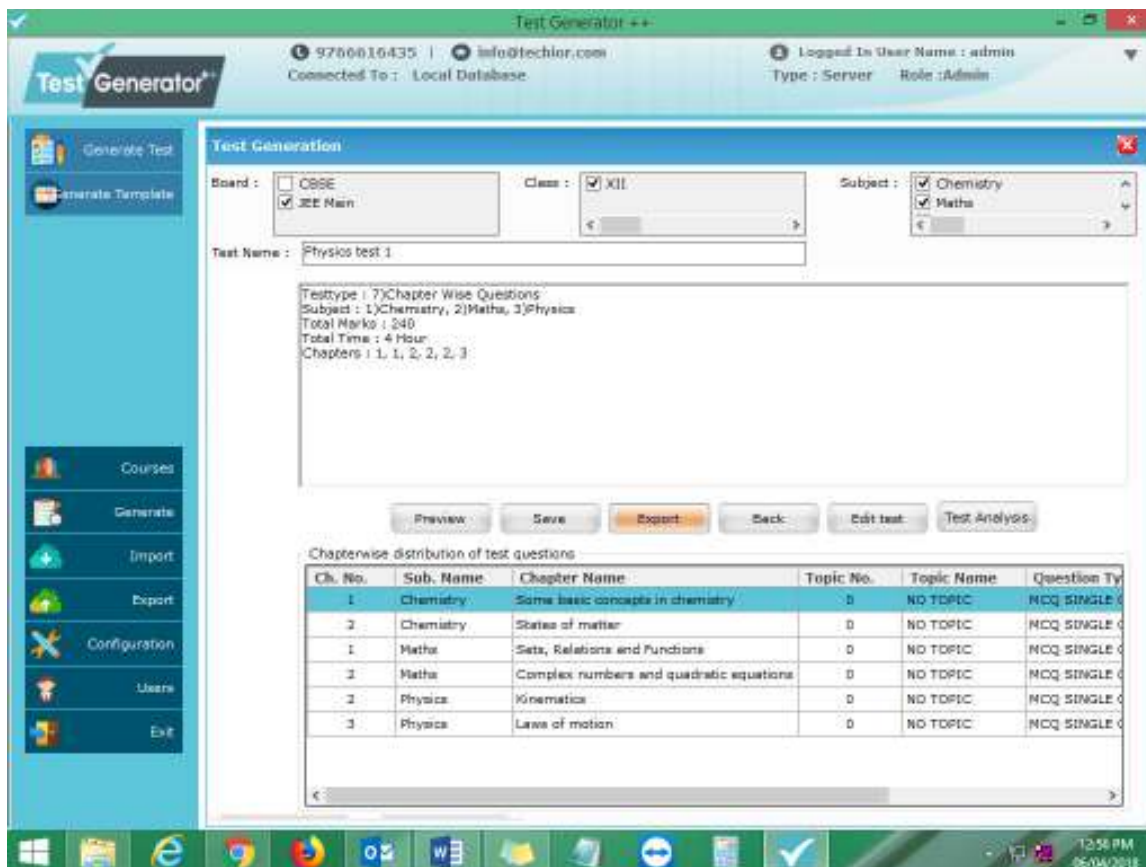
| Difficulty Level | Available | Total |
|------------------|-----------|-------|
| L1 | 13 | 10 |
| L2 | 4 | 3 |
| L3 | 5 | 2 |

Selected Total Marks : 0 Questions : 13
Marks calculated approximately.

Courses
Generate
Import
Export
Configuration
Users
Exit

Windows Taskbar: 12:36 PM 07/04/2018

Export test:



The screenshot shows the 'Test Generator++' application window. The 'Test Generation' dialog box is open, displaying the following configuration:

- Board:** ☐ CBSE, ☒ JEE Main
- Class:** ☒ XII
- Subject:** ☒ Chemistry, ☒ Maths
- Test Name:** Physics test 1
- Testtype:** 7) Chapter Wise Questions
- Subject:** 1) Chemistry, 2) Maths, 3) Physics
- Total Marks:** 240
- Total Time:** 4 Hour
- Chapters:** 1, 1, 2, 2, 3

Buttons at the bottom of the dialog include: Preview, Save, **Export**, Back, Edit test, and Test Analysis.

Below the dialog, a table titled 'Chapterwise distribution of test questions' is visible:

| Ch. No. | Sub. Name | Chapter Name | Topic No. | Topic Name | Question Ty |
|---------|-----------|---|-----------|------------|--------------|
| 1 | Chemistry | Some basic concepts in chemistry | 0 | NO TOPIC | MCQ SINGLE C |
| 2 | Chemistry | States of matter | 0 | NO TOPIC | MCQ SINGLE C |
| 1 | Maths | Sets, Relations and Functions | 0 | NO TOPIC | MCQ SINGLE C |
| 2 | Maths | Complex numbers and quadratic equations | 0 | NO TOPIC | MCQ SINGLE C |
| 2 | Physics | Kinematics | 0 | NO TOPIC | MCQ SINGLE C |
| 3 | Physics | Laws of motion | 0 | NO TOPIC | MCQ SINGLE C |

Once the question paper has been prepared, it can be exported to a Word document using the **“Export”** button.

Click on **“Export”** button and select the location on your computer where you want the question paper to be stored. The word document can later be edited (if any changes are required) and printed.

The Generated Test can be exported to Word document with a choice of format by selecting the format suits for you.

Print options:

☒ Print Options

Note: Default options of single column will be used if nothing is selected.

Print Options

| | |
|---|--|
| <input type="checkbox"/> Two Columns Per Page | <input type="checkbox"/> All Answer options in one line |
| <input type="checkbox"/> Two answer options per line | <input type="checkbox"/> Reset Question Numbering for each subject |
| <input type="checkbox"/> Answer Options like (1),(2) instead of (a),(b) | |
| <input type="checkbox"/> Show Subject Name | <input type="checkbox"/> Show Marks Per Question |
| <input type="checkbox"/> Show Reference | <input type="checkbox"/> Show Chapter Number |
| <input type="checkbox"/> Show Question Type | <input type="checkbox"/> Sort Questions Markwise |

Multiple Sets

Number of Sets : Sets with same question but different order.

☐ Randomize Answer Options

☐ Generate Keys

☐ Generate Answers ☐ Include Question ID ☐ Include Question Text

Set Watermark

☐ Include Watermark

☒ Text Watermark

Watermark Text :

☐ Image Watermark

Watermark Image:

Rotation : (0- 360 degree)

Page Size

☒ Letter ☐ Legal ☐ A4

Export Language

Language :

☐ Include Header / Footer

Header File :

Footer File :

Two columns per page: If this option is ticked, then the questions are arranged in 2 columns in the Word document for optimized use of paper.

All answer options per line: If this option is ticked, then the answer options are arranged in 1 line in the Word document for optimized use of paper.

Two answer options per line: If this option is ticked, then the answer options are arranged in 2 columns in the Word document for optimized use of paper.

Answer options like (1),(2) instead of (a),(b) : If this option is ticked ,when the test is exported to word & if the test is having A,B,C,D answer can be changed to 1,2,3,4.

Reset question Numbering for each subject: By clicking this option, the number of question order can be changed subject wise.

Group by chapter: When this option is ticked, all the questions from the same chapter can be grouped together.

Show Subject Name: When this option is ticked, it will show the subject(s) name of which the test is generated.

Show marks per question: If this option is ticked, then the marks allocated to each question will be displayed in the question paper.

Show Reference: If this option is ticked, it will show the reference of the questions if it is added at time of adding the question.

Show Chapter Number: If this option is ticked, it will show the chapter no of every question to which it belongs.

Show Question type: If this option is ticked, it will show the question type of every question in the test.

Sort Questions Mark wise: If this option is ticked, it will show all the questions of 1 mark together then all questions of 2 marks, etc.

Multiple Sets: This option can be used to generate multiple paper sets with same questions in different order. Enter a number in the field provided to indicate the number of different sets that you want.

Randomize Answer Options: This option randomizes the sequence of answer options.

Generate keys: If this option is clicked, a separate key file is generated which contains the question number along with the correct option for each question. This can be used as a reference file for correcting the answer sheets of the students.

Generate Answers: If this option is clicked, a separate file is generated which contains the questions along with answers and explanation as per question paper set one. This can be used as a model answer sheet for correcting the answer sheets of the students.

Include keys for very short descriptive questions: If this option is clicked, a separate key file is generated which contains the correct answer for each very short descriptive question. This can be used as a reference file for correcting the answer sheets of the students

Include Question Id & Include question Text: This option will display question Id & question text in the Generated Answer Set against the question. It will help to search the question in the database.

Set Watermark: You can export test with including watermark of test either in text format or in image format also.

Page Size: You can export test depending on your requirement on various page sizes like Letter, Legal and A4.

Export Language: While adding questions if you have added them in another language then you can export test in that language by selecting language from dropdown.

Include Header/Footer: You can add the header and footer note by editing the header.txt and footer.txt files provided in the folder where you have installed the application.

Instructions: You can add instructions for test check instructions check box a pop up will appear write instructions for text there and click “Save” button.

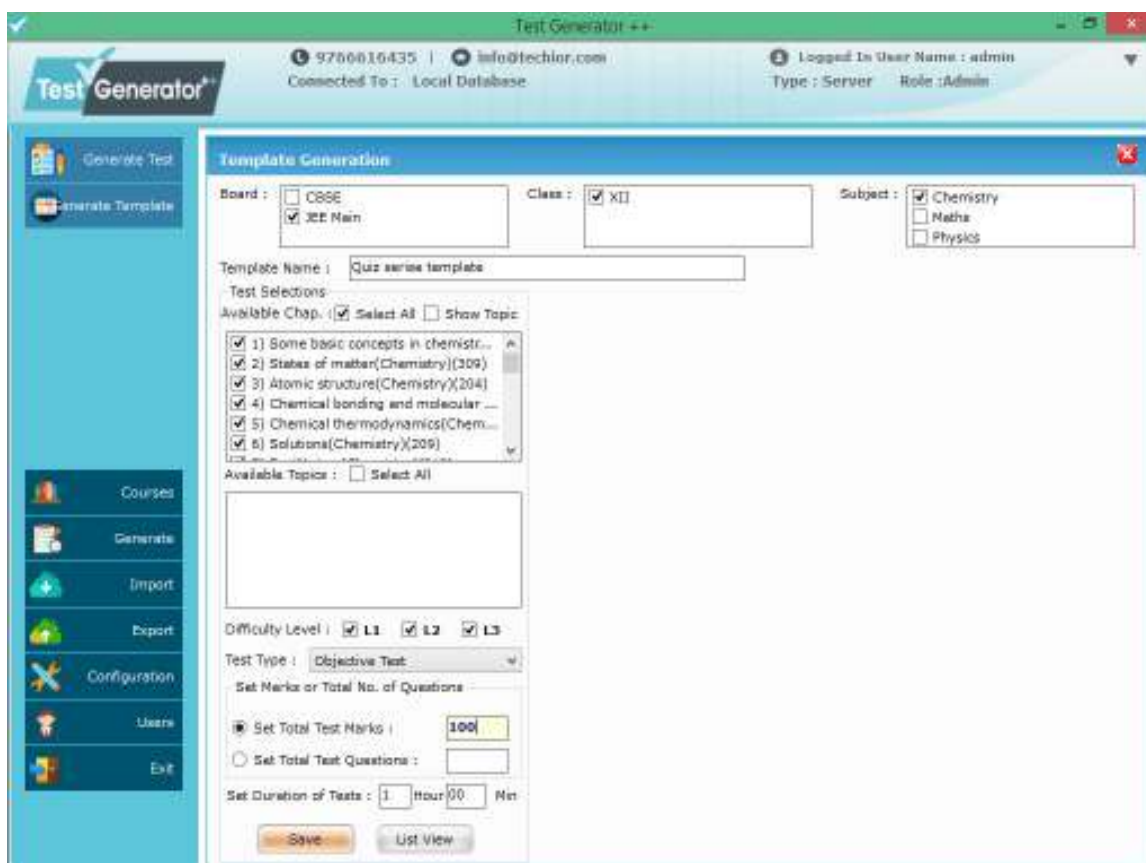
Remove blank lines: If you want to remove blank lines from test paper then check this checkbox.

Once you are done with selection of Export options then click “Ok” button, your test will get exported.

How to generate a Template:

Generating a template is very similar to generating a test. All the selections that a user has to make are the same. The only difference is that in case of a template, the settings (which include the board, class, subject, chapter, type of test, marks/questions, duration) are all saved. If the user wants to generate a question paper which has the same pattern as the template, then he can simply select Test -> Add and select the template name from the drop down. Just give a name to the test and click “Generate” to generate the question paper.

Templates are very useful when you want to frequently generate question papers which have the same pattern. You can simply define a template for the pattern that you need, and use it repeatedly to generate papers.

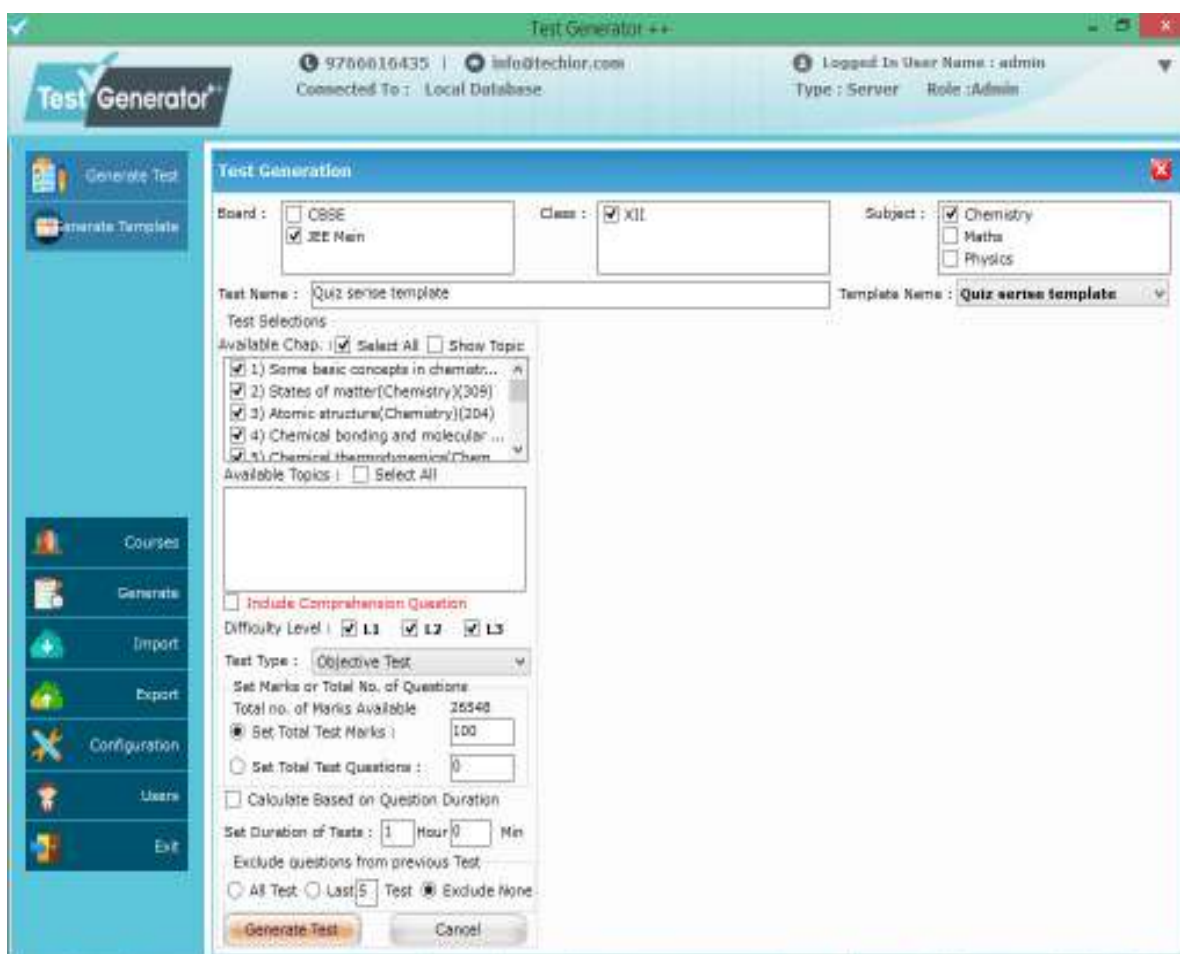


The screenshot displays the 'Test Generator++' application window. The main menu on the left includes 'Generate Test', 'Generate Template', 'Courses', 'Generate', 'Import', 'Export', 'Configuration', 'Users', and 'Exit'. The 'Template Generation' dialog box is open, showing the following settings:

- Board:** ☐ CBSE, ☒ JEE Main
- Class:** ☒ XII
- Subject:** ☒ Chemistry, ☐ Maths, ☐ Physics
- Template Name:** Quiz series template
- Test Selections:** Available Chap. ☒ Select All ☐ Show Topic
 - ☒ 1) Some basic concepts in chemistr...
 - ☒ 2) States of matter(Chemistry)(209)
 - ☒ 3) Atomic structure(Chemistry)(204)
 - ☒ 4) Chemical bonding and molecular ...
 - ☒ 5) Chemical thermodynamics(Chem...
 - ☒ 6) Solutions(Chemistry)(209)
- Available Topics:** ☐ Select All
- Difficulty Level:** ☒ L1, ☒ L2, ☒ L3
- Test Type:** Objective Test
- Set Marks or Total No. of Questions:**
 - ☒ Set Total Test Marks: 100
 - ☐ Set Total Test Questions:
- Set Duration of Tests:** 1 hour 00 Min
- Buttons:** Save, List View

How to generate Test by Using Template:

When the test is generated from template, just enter the Test Name from drop down select the template from which you want to create test. All the details of the test including the board, class, subject, chapter selection as well as the marks/questions selection will be taken from the template. The number of questions or marks can be changed if you want. Then click on “Generate test” tab to generate the test.



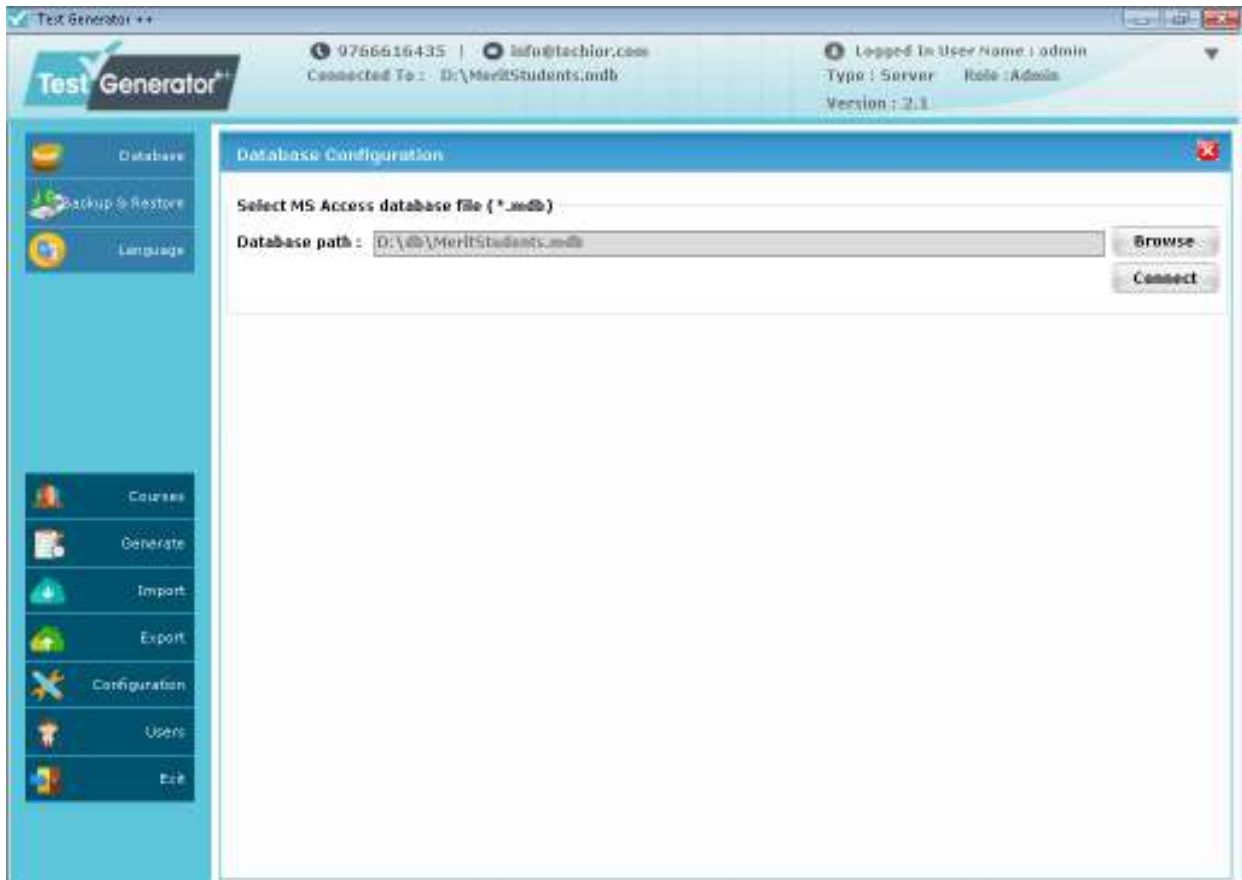
The screenshot shows the 'Test Generator' application window. The 'Test Generation' dialog box is open, displaying various configuration options for creating a test from a template.

Test Generation Configuration:

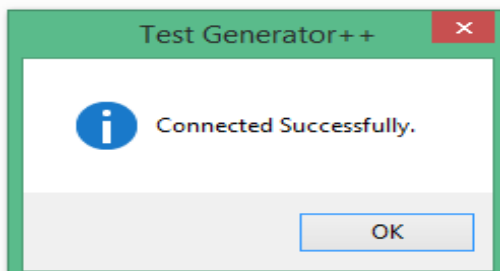
- Board:** ☐ CBSE, ☒ JEE Main
- Class:** ☒ XII
- Subject:** ☒ Chemistry, ☐ Maths, ☐ Physics
- Test Name:** Quiz series template
- Template Name:** Quiz series template
- Test Selections:**
 - Available Chap: ☒ Select All, ☐ Show Topic
 - ☒ 1) Some basic concepts in chemistr...
 - ☒ 2) States of matter (Chemistry) (305)
 - ☒ 3) Atomic structure (Chemistry) (204)
 - ☒ 4) Chemical bonding and molecular ...
 - ☒ 5) Chemical thermodynamics/Chem...
- Available Topics:** ☐ Select All
- ☐ Include Comprehension Question
- Difficulty Level:** ☒ L1, ☒ L2, ☒ L3
- Test Type:** Objective Test
- Set Marks or Total No. of Questions:**
 - Total no. of Marks Available: 25348
 - ☒ Set Total Test Marks: 100
 - ☐ Set Total Test Questions: 0
- ☐ Calculate Based on Question Duration
- Set Duration of Tests:** 1 Hour 0 Min
- Exclude questions from previous Test:**
 - ☐ All Test
 - ☐ Last 5 Test
 - ☒ Exclude None
- Buttons:** Generate Test, Cancel

How to connect to a different database:

Click on “Configuration” from the bottom left menu.



By default, “**Database**” tab is chosen on the top left menu. Now click on “Browse” to choose the path of the database file and click on “**Connect**”.

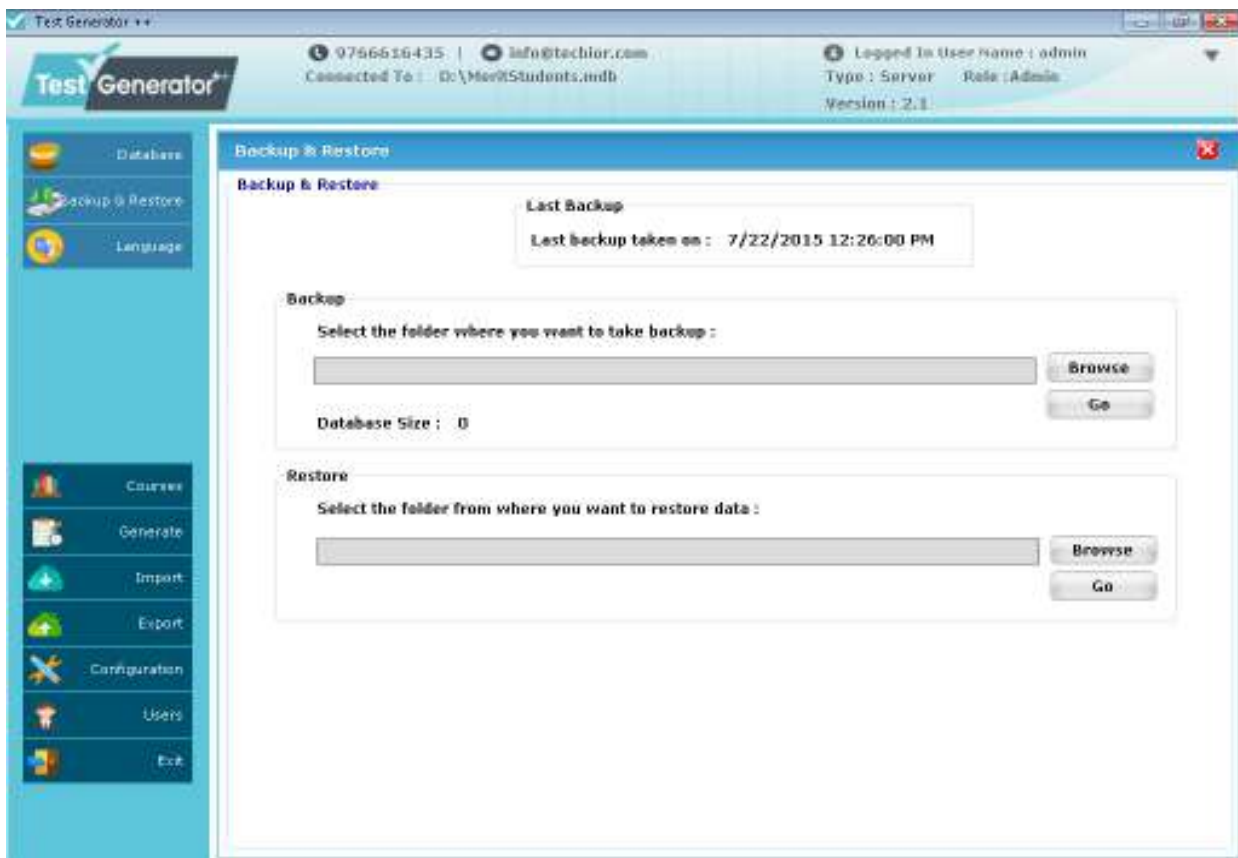


Confirmation message will pop-up if database connection is successful.
Click “Ok” to confirm the connection. The path of the database to which you are connected is shown on top of the screen at all times.

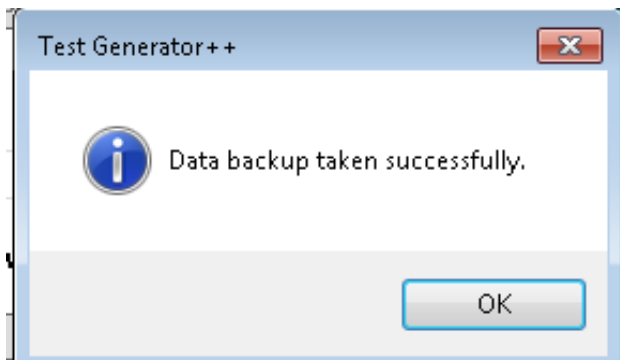
How to perform data Backup:

It is important to take regular backup in order to save your data in case of any failure like disk crash or virus attack.

Click on “**Configuration**” from the bottom left menu. Select “**Backup & Restore**” tab from top left menu. Now in Backup section, click on “Browse” to choose the destination path where the database is to be backed-up and click “Go”. The database (along with all images and media files) gets copied to the selected location.



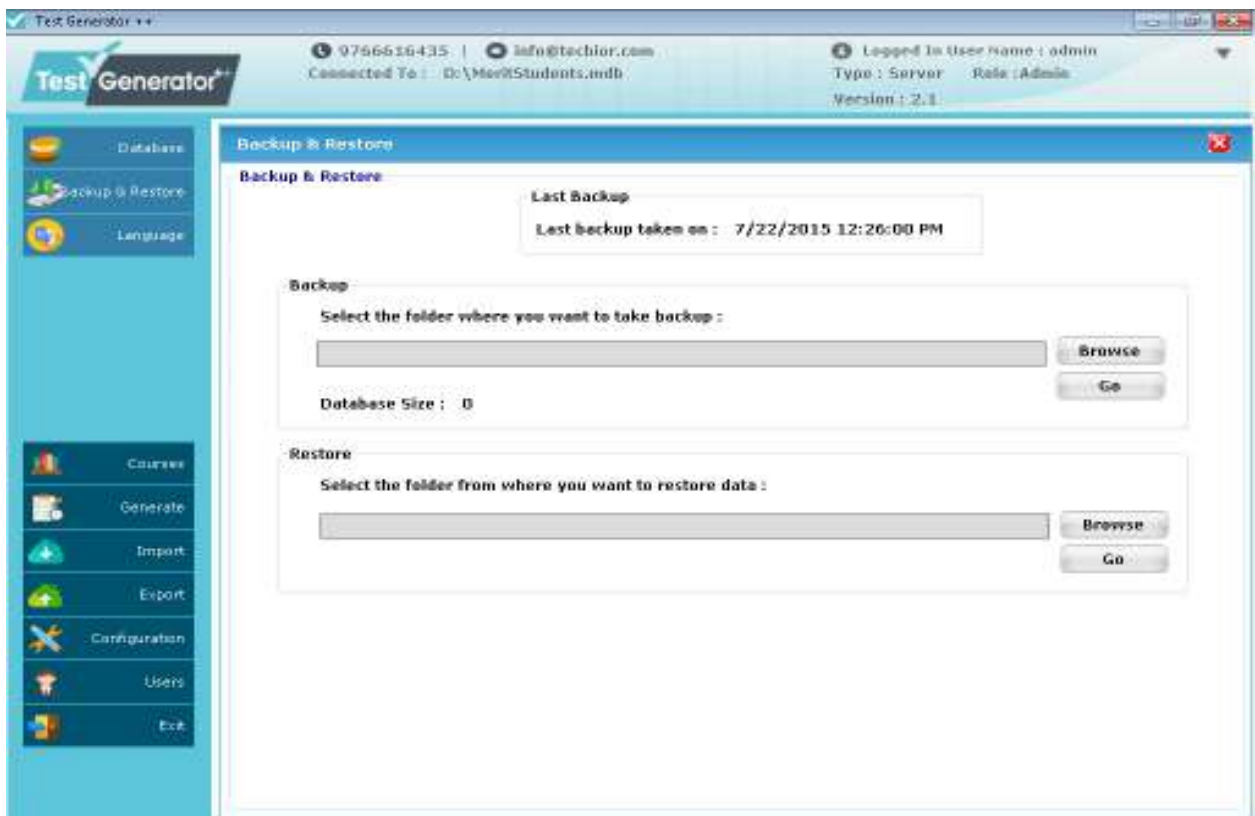
The following confirmation window pops up to indicate that the backup is done successfully.



How to restore data:

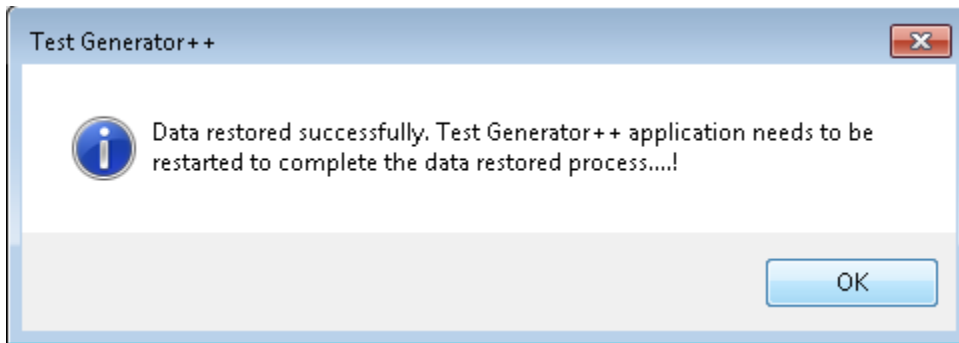
In case your database ever gets corrupted, deleted or is lost due to disk crash or virus attack, you can restore data from a previously backed-up database.

Click on “**Configuration**” from the bottom left menu.



Select “**Backup & Restore**” tab from top left menu. Now in Restore section, click on “Browse” to select the path where the backup was taken. Choose the “db” folder where the database was backed-up and click “Go” to restore.

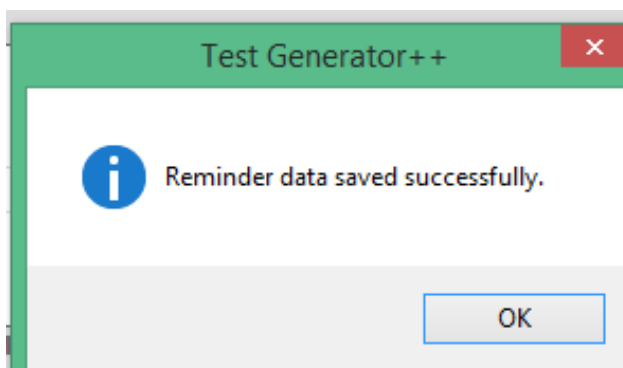
The following confirmation window pops up to indicate that the restore is done successfully.



How to set Backup Reminders:

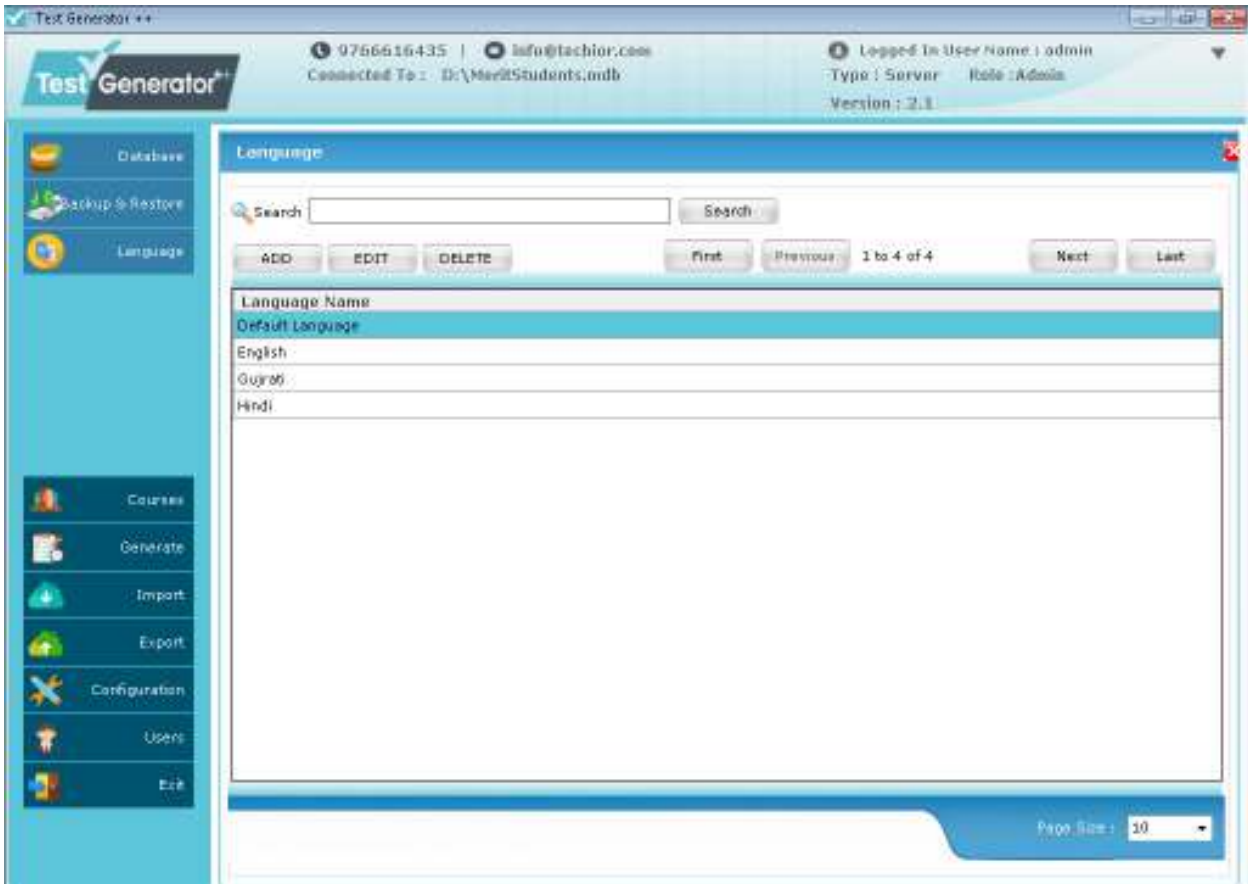
You can configure Test Generator ++ to give you automatic reminders for taking data backup.

Click on “**Configuration**” from the bottom left menu.
Select “**Backup & Restore**” and go to “**Backup Reminder**” section.
Tick the checkbox for “**Remind me about backup**”.
Enter a value in the range 1 to 10 in the box and click Save.
The following confirmation message pops up.



How to add different languages:

Click on “**Configuration**” from the bottom left menu. Select “**Language**” tab from top left menu. Now click on “Add” you can add the languages here if you want your question paper to appear in any other language except English, you have to add the other languages. Below form shows the listing of all the languages you have added.

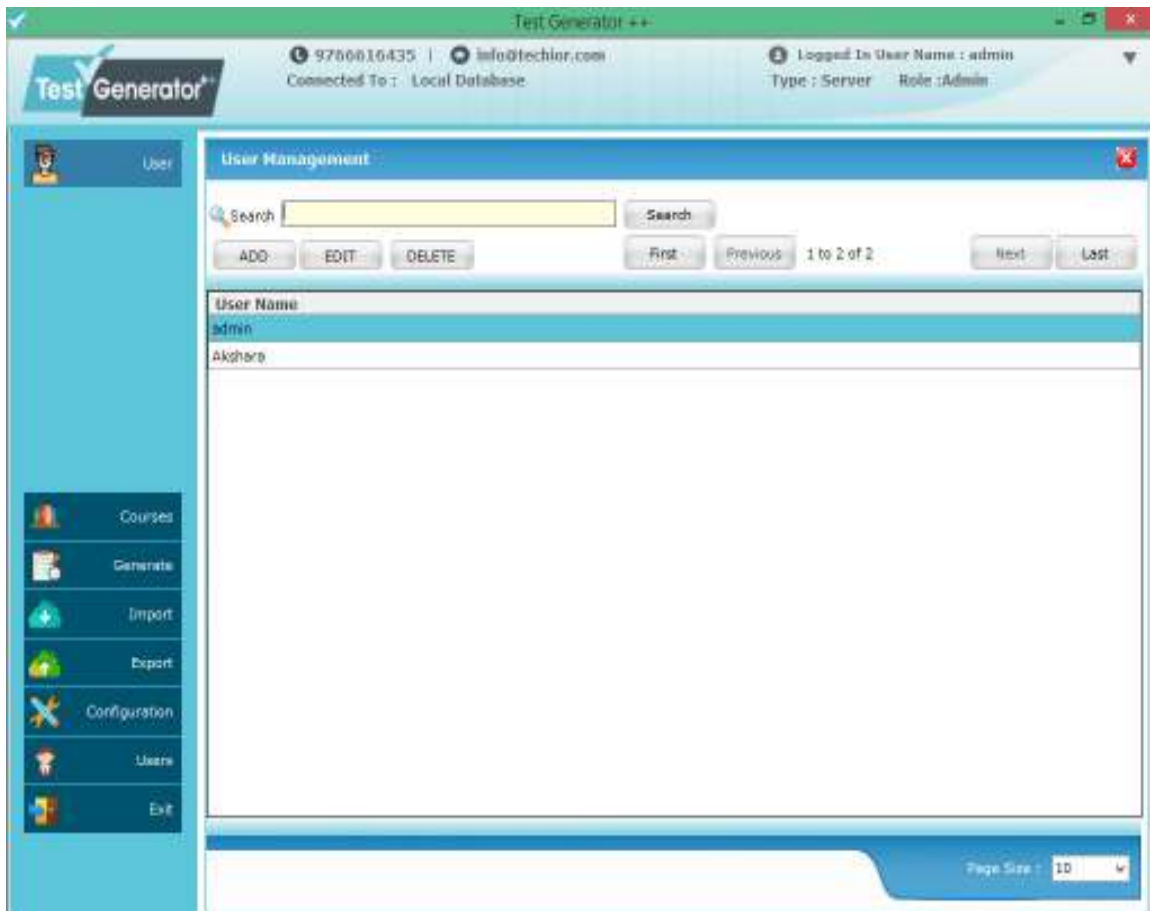


The screenshot shows the 'Test Generator' application interface. The top header includes contact information (9766616435, info@techior.com), connection details (Connected To: D:\MeritStudents.mdb), and user information (Logged In User Name: admin, Type: Server, Role: Admin, Version: 2.1). The left sidebar contains a menu with options: Database, Backup & Restore, Language, Courses, Generate, Import, Export, Configuration, Users, and Exit. The 'Language' tab is selected, displaying a table with the following data:

| Language Name |
|------------------|
| Default language |
| English |
| Gujrati |
| Hindi |

Below the table, there is a 'Page Size' dropdown menu set to 10. The table also includes a search bar and navigation buttons (ADD, EDIT, DELETE, First, Previous, Next, Last).

How to add/edit/delete a User:



There are two roles that a user can have:

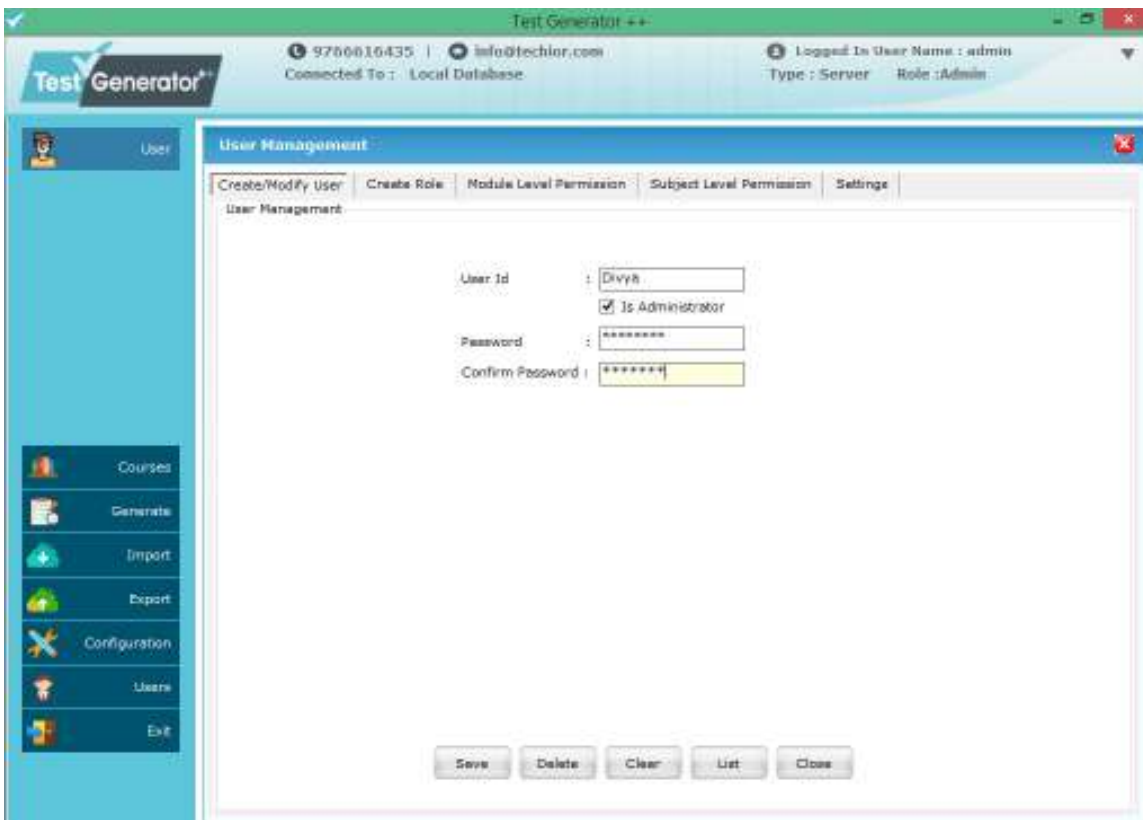
Admin User: A user with admin rights has access to the complete data. He can add/edit/delete boards, classes, subjects, chapters, questions, tests and templates.

Normal User: A normal user can access the only modules assigned to him.

A normal user can only add chapters, questions in the subjects to which he has been given access. He can also generate tests and templates from subjects to which he has been given access.

Select the “**Users**” tab on the left bottom pane. This opens up the user management list form in the right pane.

The “**Add**” tab allows you to add a new User Name. Click on this tab to open the User Entry form.



In the User Entry form, enter the User ID, and Password that you want to add then click on “Save” button.

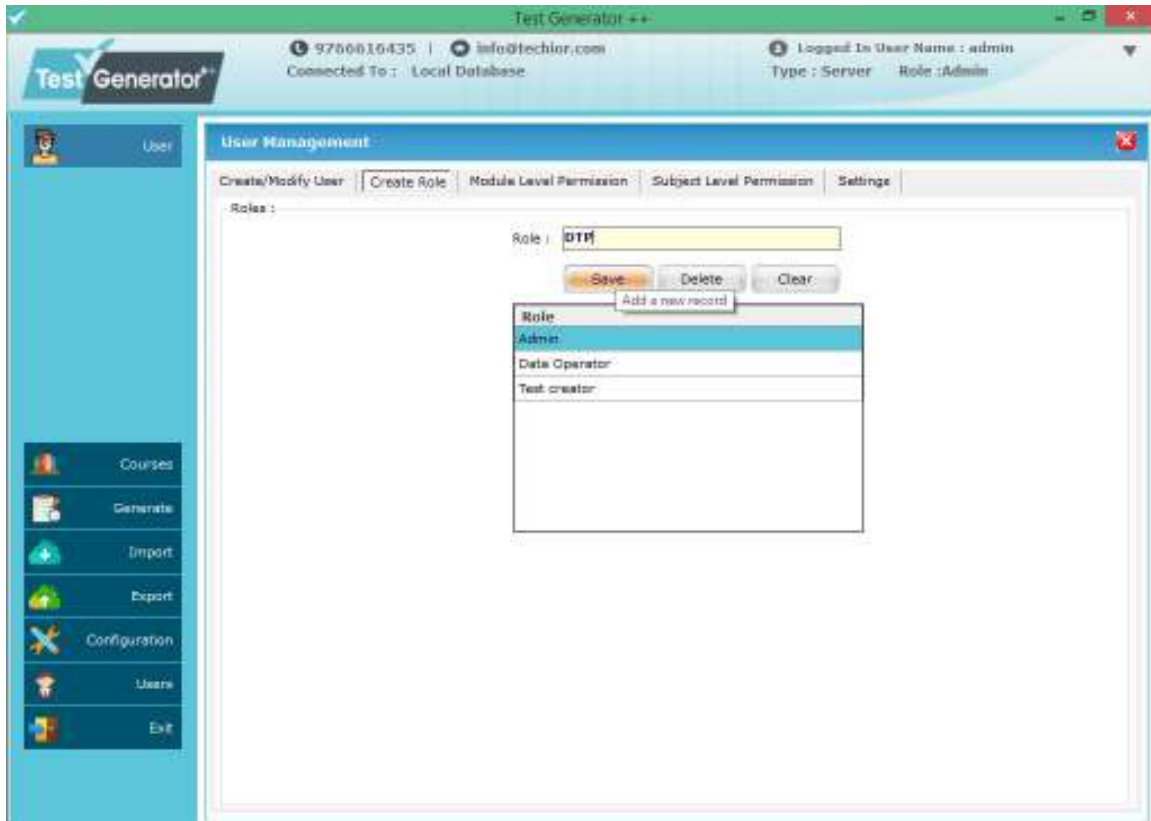
If you want the user to play the role of admin, then check the “Is Administrator” checkbox. An admin user will have access to all the board(s) / class (es) / subject(s).

The “**Edit**” tab allows you to edit the selected user. Select the user which you want to change and press the “**Edit**” tab. Then make the required changes and press the “**Save**” Button.

The “**Delete**” tab allows you to remove/delete a user from your database. Select the user which you want to delete and press the “**Delete**” tab. A confirmation window appears asking you to confirm your action. Press “**Yes**” if you are sure that you want to delete the selected user.

Create Role:

Go to Create Role, enter role & click on Save.



Module Level Permissions:

Here the user can be given different permissions related with his role .For eg. For Date operator role all the Data related permissions can be given. Here the Admin can decide which permissions (View, Add, Edit, Delete, Import, Export, and Approve) of a particular module/Subject can be given to the user.

In module level permissions, admin can restrict the user for View, Add, edit and delete module(s).

Test Generator ++

9760016435 | info@techior.com
Connected To : Local Database

Logged In User Name : admin
Type : Server Role : Admin

User Management

Create/Modify User | Create Role | **Module Level Permission** | Subject Level Permission | Settings

User Name : Alshara

Role : Data Operator

Module Level Permissions :

☐ (Module Selected 6)

| Module Name | VIEW | ADD | EDIT | DELETE | IMPORT | EXPORT | APPROVE |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> Courses Board | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Courses Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Courses Subject | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Courses Chapter | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Courses Topic | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Courses Question | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> Generate Test | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Generate Template | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> User Management User | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Update Clear Close

Subject Level Permissions:

Admin can give particular subject related permissions to the user for add, edit, delete Chapter(s), Topic(s), Question(s), Test(s) & template.

Test Generator ++

9780016435 | info@techior.com
Connected To : Local Database

Logged In User Name : admin
Type : Server Role : Admin

User Management

Create/Modify User | Create Role | Module Level Permission | **Subject Level Permission** | Settings

User Name : Alphara

Subject Level Permission

Board Name : ALL | Class Name : | Subject Name :

| User Name | Subject Name | Set / Edit | Delete |
|-----------|--------------|------------|--------|
| Alphara | Physics | Set / Edit | Delete |

Save Clear

☐ Select All Subject Level Permission (Select Subject level permission for Subject :- Physics)

| Module | Module Name | View | Add | Edit | Delete | Import | Export | Approve |
|-------------------------------------|-------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | Courses Chapter | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | Courses Topic | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | Courses Question | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | Generate Test | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | Generate Template | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Update Cancel