



# 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*			
Unlock	Trial Machine Code : Application Key : Unlock Key :	Premium     6165	Ok Cancel
		v and Unlock key after provid	

### Login to Test Generator ++ (Trial Version):

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Test Generator	9780816435   Consected To :	O infaðtechlar.com		O Ke User Logged In	
	Test Generator	UserId I Password =		ancel	
		License Type L Trial Vers Trial Icense will be valid t Connect To Network	8 37/30/30 Srones	Connect	
	<u> </u>	copyright 2	217-2010 14		

**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:

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#### 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".

Test Generator**			
Unlock	Application Key : Unlock Key : Contact Techior Si	Premium     6165     Outions Pvt. Ltd. at 9766616435 or send email at info@techior.     ory and Unlock key after providing the above Machine Code.	Ok Cancel com to get

#### Login to Test Generator ++:





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Test Generator*	<b>O</b> 9750010435   Connected To 1	O info@techlor.com	O No User Logged In	<
	Contractor	User Id I	Cancel tersion	

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:

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۲	chillin	Board Name   Board Description		1
	Topic	IIT JEE		
10	Question			
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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.

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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:

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08	Eubled.	Search			Search	1			
	chiptir	ADD	EDIT DELETE	19	First	Previnue	1 to 4 of 4	Next	Last
	Topic	Board Name	Class Name	Description					
10	Question	117	XIE						
		JEE JEE	XIE						
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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.

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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:

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	Topic	Board Name	Class Name	Subject Name	Description	12			ng Score
100	Galantia	шт	×13	Chemistry				0	
	Question	11T	×D	Maths				0	
	20	117	×D	Physics				0	
		366	xt	Chemistry				0	
	-	JEE	XI	Maths				0	
<u>.</u>	Courses	JEE	XI	Physics				0	
	CENERAL	JEE	XD XD	Chemistry				0	
		JEE	XII	Maths Physics				0	
<b>6</b> 8	Droport.	1/66	811	Physics				0	
	and a								
<b>6</b> 1	Export								
1	Configuration								
4.4	Comparation								
-	Users								

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.

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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:

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2	chiptic	ADO	EOIT OELET	E	First	Previous 1 to 10 c	f 10 Next	Layst
	Topic	Board Name	Class Name	Sebject Name	Chapter No.	Chapter Nome	Description	
	10010000	IIT	XII	Chemistry	+	Generous And Liqui		
	Question	ur	80	Chemistry	2	Atomic structure		
		IIT	XEI	Chemistry	3	Energetics		
		шт	XII	Matha	1	Lineer equations		
	-	117	NEI	Methz	2	Quedratic equations		
<b>.</b> -	Courses	117	xm	Matha	3	Parabola		
-	-	117	NII	Physics	1	Electromagnetic I		
6	Generate	117	жы	Physics	2	Optica		
<b>2</b> 5	Dreport	ILT	XII	Physics	3	Wave nature of Light		
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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.

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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:

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20	Class	Board : ALL	* 0		v Subject :		v Chepter	
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	Topic	Board Name	Class Name	Subject Name	Chapter Name	Topic No.	Topic Name	Description
	10.000	107.	813	Physics	Optics .	t	Rectilinear pro	
	Question	1IT	×B	Physics	Optics	2	Reflection and	
		117	813	Physics	Optics	3	Deviation and	
		117	80	Physics	Wave nature of Light	\$	Huygen's princi	
		107	XB	Physics	Wave nature of Light	2	Interference II	
<b>A</b> . 1	Courses							
1	Generate							
<b>8</b> 3	Deport							
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	4.4	4						Page Sime 10 .

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.

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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:

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-	Stort	Question Entry Question Humber 1
14	Case	Soard III v Otess   XII v Subject   Chamilatry v Otester   Atomic atructure v Toold   SELECT v
	Eutopet	Difficulty Level : L1 v Question Marks : 1 v Question Type : NCQ SIMGLE CORRECT v Add Question Type : Reference : 0 Options/Steps : 4
	chiptir	
	Торіс	2000+00********************************
10	question	· · · · · · · · · · · · · · · · · · ·
A.	Courses	
13	cananata	Opt. Answer Text Hint Explanation
48	Disport	* 0 Eat
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×	Configuration	C D Edit
	Usan	D O Edit
2	- DE	
	11	
		Save Save & Next Deinte Clear List Frewaw

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.

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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 databse.

"**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.

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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.

1		Test Generator ++	
Tes	Generato	© 9700016435           © info@techlor.com         © Logged In User Name : admin           Of**         Connected To : Local Database         Type : Server Role :Admin	٧
2	Stort	Alternatu Languago Question Entry	ŭ
10	Case	Board : UT Class : XU Subject : Chamitry Chapter : Gaussus And Lin	quid States
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#### Sample of MCQ Single Correct Type Question Entry

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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.





#### Sample of MCQ Multiple Correct Question Entry

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	Generate Jimport Deport Configuration	Oheck         Answer Text         tint         Explanation           A @         x2 + 18x + 16 = 0         Exit           B

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.





# Sample of True / False Question Entry

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	chiptir	Apprové Question Duration (in min)   1      Add/View Question in Alternatis Language     Lisername : admin
	Topic	
10	Question	
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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.





## Sample of Complete the Answer Question Entry

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	chijilir	Z Approve Question Duration () min) ( 1	
	Topic	Add/View Question in Alternate Language Username : admin	· •
80	Question		A
A.	Courses	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	а.я.
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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.





#### Sample of Fill in the Blanks Question Entry

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0.4	Eu0(e)t	Difficulty Level I: L1 v Question Marks I: L v Question Type : FILL IN THE SUMMS v Add Question Type : Reference : Options/Steps : 1 No. of blank in question : 1
	chiptic	Apprové Question Durbtion (In min)   1      Add/View Question in Alternatis Language     Username : admin     v
	/Topic	20000+00+00+20FAFFFT
10	Question	· · · · · · · · · · · · · · · · · · ·
A.	Courses	Number of rational roots of the equation $ x^* - 2x - 3  + 4x = 0$
	Generate	Answer Text first Explanation
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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.





# Sample of Very Short Description Question Entry

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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.

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### Sample of Short Desc-25 word Question Entry

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-	Sovit	Question Entry Question Hundrer : Search
14	date	Soard IIT v Class XII v Subject Natha v Chapter Parabola v Topic I SELECT v
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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.

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### Sample of Medium Desc-50 word Question Entry



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.

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### 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.

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## Sample of Comprehension Question Entry

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Answer Text</li> </ul> Miguration     C <ul> <li>There is no loss of I</li> <li>There is no loss of I</li> </ul>	Class     Difficulty Level : L1 V Question       Subject     Reference i       Chapter     Reference i       Topic     Reference i       Question     Reference i       Which one of the following is true       Courset     V       Opt     Answer Text       Import     A <ul> <li>Homentum remain i</li> <li>Courset</li> <li>Courset</li> </ul> Marketion     Courset     Import       A <ul> <li>Homentum remain i</li> <li>Courset</li> <li>There is no loss of i</li> <li>There is no loss of i</li> <li>Courset</li> </ul>	Charter       Difficulty Level : L1 V Question Hard         Subject       Reference i         Charter       Edd/Man Question in Alternation         Topic       Import         Courset       Opt. Answer Text         Import       A O Homentum remain         Difficulty Level : Import       B O There is no loss of b         Miguration       C Origentian	Class       Difficulty Level 1: LL       Question Rarks : L         Subject       Seference :       0 of the following is true about	Charase       Difficulty Level : L1 v Question Harks : 1         Subject       Reference : Options/S         Charase       Approx         Topic       Add/View Question in Alternate Language         Question       V V 2 V 3 V 3         Question       V Nich one of the following is true about the case         Courset       Opt. Answer Text         Import       A O Homentum remain         Approx       An objection of the following the case of a set o	Courset       Opt.       Answer Text         Opt.       Answer Text         Import       A         Parents       Parents         Opt.       Answer Text         Import       A         Parents       Parents         An object of and object at collision is not parents	Class       Difficulty Level : L1 v Question Rarks : 1 v Question Rarks : 1 v Question         Subject       Reference         Chaster       Import         Topic       Import         Question       Import         An object of mask and object is concollision is not els of land object is concollision is not els of land object is concollision is not els of land object is concollision is not els v = (vccs/β)i → (vcccs/β)i → (vccs/β)i → (vccs/β)i → (vccs/β)i	Class       Difficulty Lavel 1: L1 V Question Planks 1: 1 V Question         Subject       Seference I       Options/Steps 1: 4         Chaster       Seference I       Options/Steps 1: 4         Topic       Seference I       Options/Steps 1: 4         Clustion       Seference I       Options/Steps 1: 4         Clustion       Seference I       Options/Steps 1: 4         Clustion       Seference I       Options/Steps 1: 4         Which one of the following is true about the case?       VIIII         Coursest       Options/Texp 1: 4         Unport       A O Homentum remain I         An object of mass M and object is coming collision is not elastic V, = (vcos θ)i – (vsin)         Viguration       C O The force during the	Class       Difficulty Lavel 1: L1 V Question Harks 1: 1 V Question Type         Subject       Seference       Option/Steps 1: 4         Chaster       Seference       Option/Steps 1: 4         Topic       Seterence       Option/Steps 1: 4         Clustion       Seterence       Option/Steps 1: 4         Clustion       Seterence       Option/Steps 1: 4         Clustion       Seterence       Option/Steps 1: 4         Which one of the following is true about the case?       V         Coursest       Option       Answer Text         Import       A O Homentum remain       An object of mass M collis and object is coming at a collision is not elastic. 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The init v, = (vccs θ)i - (vcin θ)j	Class       Difficulty Level : Li <ul> <li>Question Narks : t</li> <li>Question Type : CONF</li> <li>Reference :</li> <li>Options/Steps : 4</li> <li>Options : 4</li> <li>Options : 4</li> <li>Options : 5</li> <li>Option</li></ul>	Class       Difficulty Level I: Li v Question Narks I: v Question Type I: CONREE         Subject       Reference I       Option/Steps I: 4         Chaster       Import       Reference I       Option Parks I: 1 v Question Type I: CONREE         Topic       Import       Reference I       Option Parks I: 1 v Question Type I: CONREE         Which one of the following is true about the case?       V       Import         Opt       Answer Text       V       V         Import       An object of mass M collides with a fine and object is coming at an angle 8 to the collision is not elastic. The initial velocities v, = (vcos #)i - (vsin #)j	Class       Difficulty Level : L1       Question Narks : 1       Powetion Type : COMPREHENSION         Subject       Seference       Option/Steps : 4       Outsion Driv         Chaster       Seference       Option/Steps : 4       Outsion Driv         Topic       Seference       Seference       Option/Steps : 4       Outsion Driv         Coursest       Seference       Seference       Seference       Seference       Seference         Coursest       Seference       Seference       Seference       Seference       Seference       Seference         Coursest       Seference       Seference       Seference       Seference       Seference       Seference         Coursest       Seference       S	Class       Difficulty Level : L1       Question Narks : 1       Powetion Type : COMPREHENSION         Subject       Seference       Option/Steps : 4       Outsion Dn min)         Subject       Seference       Seference       Seference       Seference         Option       Seference       Seference       Seference       Seference       Seference         Option       Seference       Seference       Seference       Seference       Seference       Seference         Option       Seference       Seference	Class       Difficulty Level : L1        Question Ranks : 1        Powestion Type : CONPREHENSION         Subject       Reference	Clear       Difficulty Lavel : L1        Question Harks : 1        Question Type : COMPREHENSION         Subject       Reference	Class       Difficulty Level : L1	Class       Difficulty Level : L1        Question Ranks : ±        Question Type : CONPREHENSION          Subject       Reference <ul> <li>Option/Steps : 4</li> <li>Question (n min) : ±</li> <li>Addition Question in Alternate Language</li> <li>Username : admin</li> <li>Coursest</li> <li>Option 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0</li></ul>	Clear       Difficulty Level : L1        Question Harks : 1        Question Type : COMPREHENSION        Add Q         Subject       Reference	Clear       Difficulty Level I: L1        Question Marks I:        Question Type : COMPREHENSION        Question Type : Comparison        Question Type : COMPREHENSION        Question Type : COMPREHENSION        Question Type : COMPREHENSION        Question Type : COMPREHENSION        Question Type : Comparison        Quest	Clear       Difficulty Lawel : L1 → Question Marks : t → Question Type : COMPREHENSION → Add Question Type         Subject       Reference : Optiona/Steps : 4       Question (in min) : Add Question Type         Chuster       Reference : Optiona/Steps : 4       Question (in min) : Add to Group I         Reference : Re

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.

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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.





## Sample of Match the Pairs Question Entry

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Questi	
🔔 Cours	Column 1 Column 2 A. Relative 1. Pyrometer humidity B. Anemouneter 2. High temperature
Canara	
and a contract of the contract	α A ⊖ [1-8, 2-0, 3-4, 4-C mat
Canal Sept	nt B 🕞 1-0, 2-8, 3-4, 4-C Edit
Configuration	n C 🝙 [1-4, 2-D, 3-8, 4-C edit
Ture Une	D () 1-C, 2-A, 3-O, 4-B
<b>3</b> -	x
	Save Seve & Nest Delete Clear List Preven

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.

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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 X
Language : Defau	ilt Language	<b>&gt;</b>
Q.24 Match the foll Column 1 A. Relative	Column 2 1. Pyrometer humidity	
B. Anemome		
C. Navigatio	n 3. Hygrometer of wind 4. Chronometer	
D. Director		]
Answers : (A) 1-B, 2-D, 3-A, (B) 1-D, 2-B, 3-A, (C) 1-A, 2-D, 3-B, (D) 1-C, 2-A, 3-D,	4-C ,4-C	-
Hint :		
Explanation :		-




# Sample of Integer type Question Entry

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<b>0</b> <sup>(4)</sup>	Eubled	Difficulty Level : L1 v Question Marks : 1 v Question Type : INTEGER TYPE v Add Question Reference 0 Options/Steps : 1	on Type
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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.

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## 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.

Connected To : Local Database Type : Server Role :Admin	
Question Entry Question Hundrer : Search	
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Orficulty Level : L1 v Question Marks : L v Question Type : NCQ SDAGLE CORRECT      Reference : Options/Steps : 4	Add Question
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Click on Add Question Type, the following window will open.





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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 <u>APPROVE</u> 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.

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	Generate	N.	- 4	Which of the following is aretail banking product?						
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Once the questions are approved, it will show the status of the questions as ( $\bullet$ ).

**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.

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M .	10	6	*1AI	oproved Que	estions	: Unapproved Question

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## 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.

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#### 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.

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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

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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.

2		Test Generator ++	- 0
	*	Question Preview	
Test G	Language : Hindi	Y.	
2 10	Q.14 अधुनिक लाधन ताल का बनक किसे कहा	ant \$2.	Turd States
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0	(B) आइम्प्टीन (C) लेवेनिया (D) पी॰ मी॰ प्यन		
<u>a</u>	Hint :		
	Explanation :		
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## 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.

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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.

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#### 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.

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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.





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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:

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**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.





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**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.





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	C All Test C Last Test & Exclude Non Generate Test Cancel	<ul> <li>Selected Total</li> <li>Marks calculated app</li> </ul>	Marks : 0 resimately.	Question	18: O	

**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.





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**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".





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Gone big test	staPhysics test t					8
	clude questions from previous test All Tests Q Lest 5 Tests	Exclude None	Difficult	y Larval ÷ 🖬 L1		
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	Physics and Measurement	MCQ SINGLE CORRECT	4	334		1
2	Kinematics	MCQ SINGLE CORRECT	4	420		
3	Laws of motion	MCQ SINGLE CORRECT	- 4	328		
5	Rotational Motion	MCQ SINGLE CORRECT	4	360		
6	Gravitation.	WCQ SINGLE CORRECT	4	232		Т
7	Properties of Solids and Liquids	MCQ SINGLE CORRECT	4	368		Г
8	Thermodynamics	MCQ SINGLE CORRECT	4	425		
Courses 21	Solved Paper 2002	MCQ SINGLE CORRECT		78		
22	Solved Paper 2003	MCQ SINGLE CORRECT	4	75		
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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.





1	Preview		
G	Language v		
2010	Physics test 1		•
	Date: 06/04/2018		F
ates	Total Time: 4 Hour Total	Marks: 240	L
	1. Which has maximum number of atoms ?	(QID:1187)	Ŀ
	(a) 24g of C (12)		÷
	(b) 56g of Fe (56)		
	(e) 27g of A1(27)		
	(d) 108g of Ag (108)	3270337	
	2. The average mass of an Indian male is 150 pounds, the mass in kg is	(QID:1191)	
	(a) 58 kg (b) 68 kg		
	(c) 67.5 kg		
	(d) 68.25 kg		
	3. In a hexagonal close packed (hcp) structure of spheres, the fraction of the volume occupied by the sphere is A. In a cubic close packed structure, the fraction is B. The relation for A and B is	(QID:1259)	I
	(a) A – B		
	(b) A < B		
	(c) A > B		
Done	(d) A is equal to the fraction in a simple cubic lattice		
	<ol> <li>One mole of CO<sub>2</sub> contains :</li> </ol>	(QID:3563)	
	(a) 3g atoms of CO <sub>2</sub>		
	(b) 18 1= 10 <sup>23</sup> molecules of CO <sub>2</sub>		
	(c) 6.028-10 <sup>23</sup> atoms of O		
	(the second) atoms of C	~	

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.





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Cenenate Import Export Configuration		Ch. No. 1 2	e distribution of te Sub. Nome Chemidry Chemidry	Sature Chapter Same Inter Statue of I Sature Rate	Nome a: concepts in chem metter	<b></b>	Topic No. D	Topic Name NO TOPIC NO TOPIC	Question Ty MCQ SINGLE MCQ SINGLE MCQ SINGLE MCQ SINGLE
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#### **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".





	-		_					_
Generate Test	Tasteria	untionstest						8
anarata Templata	O All Te	usitions from previo sta O Last 3	un tent ] Tests	③ Exclude None		afficulty Level :		សារ
	Availab	le Topicwise Qui	estions					
	Chapter No.	Chapter Neme	Topic Na.	Topic Name	Question Type Name	Marka	Available Questions	Enter No. DF Questions
	1	chapter	1	Equations	MCQ SINGLE CORRECT	1	3	
	1	shapter	1	Equations	NCQ MULTIPLE CORRECT	1	2	
	1	chapter	1	Equations	TRUE/PALSE	1	2	
	1	chapter	1	Equationa	COMPLETE THE ANSWER	1	1	
	1	chapter	1	Equations	FILL IN THE BLANKS	1	3	
	1	chepter	1	Equations	VERY SHORT DESC	1	2	
Courses	1	chapter	1	Equations	SHORT DESC - 25 WORDS	1	.2	
	1	chapter	1	Equations	MED DESC - 30 WORDS	1	2	
Generate	1	chapter	1	Equations	LONG DESC - 100 WORDS	1	2	
	1	shapter	1	Equations	COMPREHENSION	1	3	
Disport	1	chapter	1	Equations	INTEGER TYPE	4	1	
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WI	Total Av	ailable Question	15:24					

Preview of topic wise test:

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<u> </u>	Preview	
Language : Gefault Language 🗸 🗸		1
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and the second se		1
Equation	is test	
Date: 06/04/2018		
Total Time: 13 Mins	Total Marks: 13	
1. Mog single correct g	(QID:23614)	
(a) 1		
(b) 2		
(c) 34		
(d) 6		
2. A money deposit at a bank that cannot be withdrawn	a 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		
<ol><li>In excel file add two cells in one cell is called as?</li></ol>	(QID:23640)	
(a) Join cells		
(b) Merge cells		
(c) Merge tables		
(d) Join table		
<ol> <li>mcq multiple correct q</li> </ol>	(QID:23615)	
(a) 1		
(b) 2	~	1
1.4.7		1

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**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.

Generate Test	Tas	t-Physics tos	й <b>Г</b>					
and the second line	- Exclu	ade questions from	n previous b	ent			New York	1997 (S. 1997)
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	Ava	dable Subject	wise Que	stions				
	Subje	ect Subject	Chapter No.		Question Type Name	Marka	Available Duesbona	Enter No. Of Quastions
	2.5	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	34	329	E
	25	Physics	4	Work, Power	MCQ SINGLE CORRECT	4	288	
	25	Physics	5	Rotational No	MCQ SINGLE CORRECT	4	360	6
	25	Physics	6	Gravitation	MCQ SINGLE CORRECT	4	232	
	25	Physics	2	Properties of	MCQ SINGLE CORRECT	4	368	
Courses	25	Physics	8	Thermodyna	MCQ SINGLE CORRECT	- 24	425	
The second	25	Physics	5	Kinetic Theorem	MCQ SINGLE CORRECT	- 4	72	
Generate	25	Physics	10	Oscillations a	MCQ SINGLE CORRECT	4	617	
import	25	Physics	11	Bectrostatics	MCQ SINGLE CORRECT	- 4	309	
20 000000	25	Physics	12	Current Bects	MCQ SINGLE CORRECT	4	314	
Export	25	Physics	13	Hagnetic Effe	MCQ SINGLE CORRECT	4	289	
	25	Physics	14	Electromagne	MCQ SINGLE CORRECT	4	220	
Configuration	25	Physics	15	Electromagne	MCQ SINGLE CORRECT	- 4	175	
	25	Physics	16	Optics	MCQ SINGLE CORRECT	- 24	302	
Clears	105	d Available Qu	IT	Third Matrice o	MON CIECI C CORRECT	11.124	74	

**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.





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est Generate	Of 9700010435   O in Connected To 1 Local Data		COM	100000		e Nama : adm Role :Admin	in
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amerate Terrolate	Board : 🗹 CBSE	Case :	e xit	,	Subject :	Maths	
	Test Neme : difficulty level test		les internet in the second		Templeta Ner	e : SELECT	
	Test Selections	5-45 III		-			
	Available Chap. I Select All Show To	ipit .	Difficulty	A 1992 M 1 1 1 1	estion Select	Avaiable	
	<ul> <li>1) chapter(Naths)(24)</li> <li>1) Linear equations(Maths)(0)</li> </ul>	13	Dimently	Level		Available 13	Total 10
		12				4	3
		13				5	2
Courses Generate Umport Deport	☐ Include Comprehension Question Difficulty Level   ☑ L3 ☑ L2 ☑ L3 Text Type : Difficulty Level Wise Test	-					
Configuration Users	Calculate Based on Question Duration						
e e e e e e e e e e e e e e e e e e e	Set Duretion of Texts: 1 Hour 00 Exclude questions from previous Test All Test C Last 5 Test ® Exclude 1 Generate Test Cancel	address	ted Total Mark	ka: 0	Question	na: 13	





#### Export test:

Test Genero	itor	Consected 10	o : Local Datab	156		ype : Server	Role :Admin	_
Generate Tes	Testige	neration						
anarata Terrolat	Board :	CBSE ZE Nein		Case :	e) xit	Subjec	t : ♥ Chemistry ♥ Maths €	,
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3 Generat		Chapterwis Ch. No.	WINSCOUTS-COM	100.00		c Edit 1 Topic No.	Test And	
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Cemenat		Ch. No.	e distribution of tes Sob. Name Chemistry	Chapter Same has States of r	Name ic concepts in chemistry	Topic No.	Topic Name NO TOPIC	Question Ty MCQ SINGLE
Consent Solution Configuratio		Ch. No. I 2	e distribution of tes Sob. Nome Chemistry Chemistry	Chapter Some hee States of r Sate, Rele	Nome Is concepts in chemistry metter	Topic No. B D O	Topic Nome NO TOPIC NO TOPIC	Question Ty NCQ SINGLE NCQ SINGLE NCQ SINGLE
Consent Solution Configuratio		Ch. No. 1 2 1 2 2 2 2	e distribution of tes Sob. Name Chamidry Chamidry Matha	Chapter Some bas States of r Sets, Rela Complex r Kinematic	Name E concepts in chemistry matter tions and Punchans numbers and quadratic equation s	Topic No. D D ns D D	Topic Name NO TOPIC NO TOPIC NO TOPIC NO TOPIC NO TOPIC	Question Ty MCQ SINGLE MCQ SINGLE MCQ SINGLE
Convent		Ch. No. 1 2 1 2	e distribution of tes Sob. Name Chemistry Chemistry Methe Nathe	Chapter Some hee States of a Sats, Rela Complex a	Name E concepts in chemistry matter tions and Punchans numbers and quadratic equation s	Topic No. D D na D	Topic Name NO TOPIC NO TOPIC NO TOPIC NO TOPIC	Vos. Question Ty MCQ SINGLE MCQ SINGLE MCQ SINGLE MCQ SINGLE MCQ SINGLE
Configuratio		Ch. No. 1 2 1 2 2 2 2	e distribution of tes Sub. Name Chemistry Platha Platha Physica	Chapter Some bas States of r Sets, Rela Complex r Kinematic	Name E concepts in chemistry matter tions and Punchans numbers and quadratic equation s	Topic No. D D ns D D	Topic Name NO TOPIC NO TOPIC NO TOPIC NO TOPIC NO TOPIC	Question Ty MCQ SINGLE MCQ SINGLE MCQ SINGLE MCQ SINGLE MCQ SINGLE

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:**

V Print Options					×	
10001399406 331 400 200	s of single c	olumn will be used if r	othing is select	ed.	*	
Print Options	Page	🔲 All Answer optic	ons in one line			
Two answer optic	580012-1 <del>8</del> 105			each subject		
<ul> <li>Two answer options per line</li> <li>Reset Question Numbering for each subject</li> <li>Answer Options like (1),(2) instead of (a),(b)</li> </ul>						
Show Subject Na		Show Marks Pe	r Question			
Show Reference		Show Chapter I				
Show Question T	уре	Sort Questions				
Multiple Sets Number of Sets : 1 Randomize Answ Generate Keys Generate Answe Set Watermark Include Water Watermark Text :	ver Options	: with same question t ude Question ID atermark	Dut different ord		E	
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Rotation :	315	(0- 360 degree)				
Page Size	tter	🔘 Legal	© A4			
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📃 Include Header	·/Footer	View Doc/Docx	header file			
Header File : C:\Pr	ogram Files	(×86)\TECHIOR SOLU	TIONS\Test	Browse		
Footer File : C:\Pri	ogram Files	(x86)\TECHIOR SOLU	TIONS\Test	Browse		
· · · ·	<u></u>				*	

**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.

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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.

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#### 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.

A.C.	Test Generator -	
Test Generato	O 9700010435   O info@techior.com     Connected To 1 Local Database	Logged In User Name : admin     Type : Server Role :Admin
Coloriste Test	Template Constation	8
Constate Template	Board : Class : XII Class : XII XII Nain	Subject : 🕑 Chemistry Natha
	Template Nome : Quiz avrise template Test Selections Available Chap. ( Select All ] Show Topic	
	<sup>1</sup> 1) Some basic concepts in chemistr	
Courses		
Generate		
import.		
🍪 Depart	Officulty Level ) 🖉 L1 📝 L2 🖃 L3	
Configuration	Test Type : Objective Test v Set Nerks or Total No. of Questions	
To Users	Set Total Test Marks   100	
d Pr	Set Total Test Questions :	

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### 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.

6.	Te	st Generatur ++-	
Test Generate	Of 9700010435   O info0te Connected To 1 Local Database	chior.com	O Logged In User Name : admin Type : Server Role : Admin
Governite Test	Test Generation		
😁 marata Tangalata	Board : CBSE C	lans : 🕑 XII.	Subject : Oternistry Matha Physics
	Test Neme : Quiz sense template		Templete Neme : Quiz series templete V
	Test Selections Available Chap. 1 Select All Show Topic		
	1) Some basic concepts in chematr A     2) States of matter(Chemistry)(309)     3) Atomic structure(Chemistry)(204)     4) Chemical bonding and molecular     4(3) Chemical Itermotoment/coll Chem     Available Topics I Select All		
🛕 Courses			
Generate	Indude Comprehension Question		
💩 Disport	Difficulty Level   2 L3 2 L2 2 L3 Text Type : Objective Test. v		
🙆 Export	Set Narks or Total No. of Questions Total no. of Marks Available 25540		
Configuration	Set Total Test Marks 1     Set Total Test Quantions 1		
🚼 Uxers	Calculate Based on Question Duration		
di ex	Set Duration of Teats : 1 Hour 0 Nin Exclude questions from previous Test A8 Test 0 Last 5 Test ® Exclude None		
	Generate Test		

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#### How to connect to a different database:

Click on "Configuration" from the bottom left menu.

📶 Test Generator ++				6
Test Generate	Cassacted	i16435   Olafo@tachior.com To : D:\MarkStudents.mdb	O Lopped In User Name Ladmin Type I Sorver Role (Admin Vection ( 2.1	*
Catabara	Database Configs	nation		8
Sachup & Restore	Select MS Access d	atabase file (*.wdb)		
C Language	Database path : 🗓	:\db\MerltStudents.mdli	10	Browse
-				Cansect
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A REAL PROPERTY AND A REAL PROPERTY A REAL PROPERTY AND A REAL PRO				
Export.				
Configuration				
🕋 Export 💥 Configuration				
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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**".

Test Generator++	×
Connected Successfully.	
ОК	

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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.

Test Generator	0756516435   O lafo@techlor.com     Connected Te   D:\MerWStudents.mdb	C Lepped In User Name : admin Type : Server Rele : Admin Version : 2.1	٣
😂 Databara	Backup & Restore		8
🎒 ociup O Restore	Backup & Restore Last Backup Lest backup taken on : 7/2	22/2015 12:26:00 PM	
	Backup Select the folder where you want to take backup :		
		Browce	
	Database Size : 0	Gø	
L Caureer	Restore Select the felder from where you want to restore data :		
Generate	Select the rever from where you want to restore data :	Browse	
🔬 Import		Go	
Configuration			
Users			
🗿 tak			

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

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Ĩ	Test Generator++	$\mathbf{f}$
-	Data backup taken successfully.	
	ОК	ŀ

#### 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.

🖌 Test Generator ++		
Test Generator	0756555435   O info@techior.com Connected To   D:\MerWStudents.mdb	O Legged In User Name : admin Type : Server Rels : Admin Version : 2:1
Contabara	Beckup & Restore	8
achup () Aestore	Backup & Restore Last Backup Lest backup taken on : 7/2	2/2015 12:26:00 PM
	Backup Select the folder where you want to take backup : Database Size : 0	Browce Ge
Caurace	Restore Select the felder from where you want to restore data :	
Generate	sense and react from where you want to reactive date -	Browse
A Import		Go
🚳 Export		
Configuration		
👷 Usens		

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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.

Test	t Generator++ ×
<b>i</b> Remind	er data saved successfully.
	ОК

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## 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.

Test Generator	**						0 0 0
Test Ge	nerator	0 9766616435   O Info@tachior.com Connected To : D:\MeritStudents.mdb		T	Lopped in User (po : Sorver - Its ection : 2.1	Name i admin Ne :Admin	*
<b>_</b> •	atabasa 🛛	tengunge :					1
Sachup fel	Restore	Q Search	Search	50			
(i) 4	nguage	ADD EDIT DELETE	First	Previous	1 to 4 of 4	Next	Lant
		Language Name					
		Default Language					
		English					
		Gujrøf					
		Hindi.					
-							
<b>4</b>	Colorados						
<b>1</b> 8 0	enerate						
	Import						
-	THE REAL						
<u>68</u>	Export.						
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Gan Carfie	Users						
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					10		





# How to add/edit/delete a User:

<b>*</b>		Test Generator ++	
Ter	Generato	9750016435   O info@techior.com     Connected To : Local Database	O Logged In Over Name : admin Y Type : Server Role :Admin
2	User	User Hanagement	8
		Q_Search Search	
		ADD EDIT OBLETE Fint	Previous 1 to 2 of 2 Heat Last
		User Name	
		admin	
		Akshare	
A.	Courses		
13	Generate		
٠.	import.		
	Esport		
*	Configuration		
	Users		
	- DF		
			Fage Size 1 10 4
		¥	

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.

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

<b>4</b>		Test Generator ++	100 <b>2</b> 00
Tes	Generato	O 9756616435   O info@techlor.com     Connected To:: Local Database     Type : Server Role:Admin	
1	User	liser Hanagement	8
		Create/ModiPy User Create Role Nodule Level Permission Subject Level Permission Settinge	
		User Id : Divyn	
		Password :	
		Confirm Password	
A.	Courses		
	Cenerate		
	Umport		
66	Diport		
×	Configuration		
8	Users		
3	98	Save Dakte Clear List Close	

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.

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#### **Create Role:**

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

*	Test Generator ++	. a 🛛 🗶
Test Generator	O 9760016435   O info@techlor.com     Connected To : Local Database     Type : Server Role :Admin	*
User 🚺	User Hamagement	8
Courses Courses Consents Configuration Configuration Configuration	Solar : Role	

#### 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).





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## **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.





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