LOVE MY TEST Assessment Solutions

Process of adding questions:

to://www.lovomutost.com/login.php



Please refresh the page as you could be seeing an outdated document if you had visited this page before.

2. In the landing page, click on the icons for developer or reviewer roles. These will be active when a topic is assigned to you for development or review.



3. The page with your allocated topics will be displayed

#	Date	Class	Subject	Book	Chapter	All QNs	Exp.Date		My QNs	Reviewed	Approved	For edit	Fixed*	Status
1	13 Dec	12	Accountancy	Gujarat Board Accountancy-12	3-Valuation of Goodwill	71	18 Dec	ADD QN.	71	49	49	0	0	 Submitted for review
2	19 Dec	12	Accountancy	Gujarat Board Accountancy-12	4-Reconstruction of Partnership	122	22 Dec	ADD QN.	68	68	59	9	0	 Submitted for review
3	23 Dec	12	Accountancy	Gujarat Board Accountancy-12	6-Retirement / Death of a Partner	69	27 Dec	ADD QN.	69	69	61	8	0	 Submitted for review

- 4. Click on Add QN to go the add the questions pages. You can view the questions added by you on the 'MyQNs' questions link. There may be questions developed by others too in a topic, all questions including the ones created by you can be viewed from AllQNs link. Please check 'All QNs' before you start to see if there are some question already developed in the topic and ensure you do not repeat the questions which are already there.
- 5. On the Add Questions page, you can select the type of questions and add questions. If your net connection is slow, wait for few second for the page to load.

UT



Class: 8, Subject: Mathematics, Book: NCERT - MATHEMATICS- Class-8, Topic: Squares and Square Roots

General questions •	Non school specific questions	Question Mark: 1 Mark
Squares and Square Roots	Multiple Choice Question (MCQ)	Total questions added by you: 37
MCQ QUESTION: File - Edit - View - Format -	Question Type Multiple Choice Question (MCQ) Fill in the blanks	
A rormats - B I E Ξ Ξ Ξ	Very Short Answer Match The Following Short Answer Comprehension/Reference Long Answer Draw/Label picture Essay/Very Long Answer	
		POWERED BY TINYMCE .

 Fill the relevant boxes, add images if required, change marks if required and submit the questions. Set the cognitive levels, difficulty levels mark if it is text book question. Instructions on how to decide the levels are given on the page.

Answer hint:	Answer explained:									
Answer hint	Answer Explained*									
	Upload image Browse No files selected.									
Cognitive levels How to decide the cognitive levels?	Difficulty level of this question. Question taken from: How to decide?									
Choose from the list	Easy 🕐 Moderate 🙄 Difficult 😧 Choose from the list									
Submit Question										

 The instructions for adding questions are given below each of the question pages. Instruction change for each type of questions, hence please read the instructions on every page carefully.



		× Remove
Question: What is the value of 4 + 8 ÷ 2 ?		
A) 4	B) 6	-
C) 8	D) 10	
Hint	Answer explained:	
BODMAS	$4 + 8 \div 2 = 4 + (8 \div 2) = 4 + 4 = 8$	
Add another question		

🗘 Edit

9. You can view all the added questions from the MyQNs link and edit them further if required. When you complete all the required number of questions in a topic, please submit it for review by clicking the 'Submit for Review' button. This will alert our system that the topic is ready for review.

#	Date	Class	Subject	Book	Chapter	All QNs	Exp.Date		My QNs	Reviewed	Approved	For edit	Fixed*	Status
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3	23 Dec	12	Accountancy	Gujarat Board Accountancy-12	6-Retirement / Death of a Partner	69	27 Dec	ADD QN.	69	69	61	8	0	 Submit for review**

Before submitting for review, please run though all the questions once to see that there are no errors or language issues. Also check that the number of questions in each of the categories is matching to the requirement and change the cognitive and difficulty levels if required.

10. Our subject matter experts will be reviewing the questions. When a question is reviewed, it gets approved or comes for edit/fixes. Click on the numbers in 'For edit' section to fix an issue. After fixing, respond by clicking the 'Reply' button on the review page, then it moves to the 'Fixed' section.

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11. Instructions for adding Individual questions for each type and for adding **Equations** and **Formulas** are given below. They are given below every question add page too.

Instructions for adding the Questions

MULTIPLE CHOICE

Instructions for adding MCQ Questions:

- Add the question in the top box. The text box is for typing in the data. If you are copypasting from MS word or any other word processing software, please ensure the formatting do not get copied. For that, copy the text to NOTEPAD first and then copy to the given text box.
- 2. Image upload for the question is optional and need to be used only if the question is based on an image which needs to be referenced. Images should be as small as possible and should in JPG or PNG formats.
- 3. All the 4 options are mandatory. This is because; the question may also be used in the OMR mode where 4 options will be pre-printed.
- 4. The options can be images too in which case upload 4 images in small but readable sizes. If there is no text required in the text boxes, add a space.
- 5. Need to mark one option as correct answer by ticking one of the check boxes.
- 6. Hint is optional. Answers should not be given in hint.

- 7. Answer Explanation is optional, but should be given if the question is difficult.
- 8. View the questions in View Questions page and check that the question is entered correctly and edit it if required.

FILL IN THE BLANKS

Instructions for adding FIB Questions:

- 1. Use 10 underscores (_______) to represent the blanks in all FIB questions. Do not use hyphens, dots or other characters as they create over all inconsistency in questions.
- 2. Use the same style for other questions too if blank spaces are required.
- 3. There should be only one unique answer for a question.
 - Eg: ______ is the capital of India. (Answer is New Delhi)

Don not add questions which can have multiple answers. This is because, in online mode students will need to type in the answers and the system checks against the unique matches given.

Eg: ______ is the capital of a state in India. (Answer can be capital of any state, which is incorrect usage)

- 4. Answer Explanation is optional, but should be given if the question is difficult.
- 5. For the main question text box, please check that the formatting is not copied from MS word or other tools.
- 6. Image upload for the question is optional and need to be used only if the question is based on an image.
- 7. View the uploaded questions and check that the formatting is correct.

TRUE AND FALSE

Instructions for adding T&F Questions:

- 1. Enter the question and mark the CORRECT ANSWER by ticking one of the check boxes.
- 2. Answer Explanation is REQUIRED if the checked answer is FALSE.
- 3. For the main question text box, please check that the formatting is not copied from MS word or other tools.
- 4. Image upload for the question is optional and need to be used only if the question is based on an image.
- 5. View the uploaded questions and check that the formatting is correct.

VERY SHORT ANSWER

Instructions for adding Very Short Answer Questions:

- 1. Questions that can be answered in one word or one sentence.
- 2. By default the mark given is 1. But you can change it if required.
- 3. Answer Explanation is REQUIRED for every question. Please enter the correct answer for every question in the Answer explained box.

- 4. For the main question text box, please check that the formatting is not copied from MS word or other tools.
- 5. Image upload for the question is optional and need to be used only if the question is based on an image.
- 6. View the uploaded questions and check that the formatting is correct.

MATCH THE FOLLOWING

Instructions for adding MTF Questions:

- 1. Text box at the top is for entering any instructions while doing the question for entering the matching texts. Enter the matching text in the six text boxes given below.
- 2. Please enter the CORRECT OPTION AGAINST EACH MATCH IN THE SAME LINE. System will automatically shuffle the columns at the time of generating questions; hence you should not shuffle them yourself.
- 3. Add minimum five Matching options. System checks only for four options but that shouldn't restrict you from adding five options. Our requirement is 5 options.
- 4. You may change the heading COLUMN-A and COLUMN-B if required.
- 5. Main question text box is optional as the focus is on Matches. You may add any instructions specific to the MTF in the question text box or leave it blank. Please check that the formatting is not copied from MS word or other tools.
- 6. Image upload for the question is optional and need to be used only if the question is based on an image.

SHORT ANSWER

Instructions for adding Short Answer Questions:

- 1. Questions that can be answered in 2-5 sentences/steps.
- 2. By default the marks given is 2. But you can change it if required.
- 3. Answer Explanation is REQUIRED for every question. Please enter the correct answer for every question in the Answer Explained box.
- 4. For the main question text box, please check that the formatting is not copied from MS word or other tools.
- 5. Image upload for the question is optional and need to be used only if the question is based on an image.
- 6. View the uploaded questions and check that the formatting is correct.

COMPREHENSION/REFERENCE/Mutiple Questions

Instructions for adding <u>COMPREHENSION/REFERENCE</u> Questions:

- 1. Add the comprehension passage or reference text in the top box. The text box is for typing in the passage. You can add multiple short questions based on the reference text or image and give separate answers for them.
- 2. You may upload an image and make your questions based on that too. Images should be as small as possible and should in JPG or PNG formats. (preferably PNG as images will be clear)

- 3. Correct answers need to be given for all questions in the box next to the question itself. .
- 4. The number of question can depend on the size of the passages. Try use passages to make 3 to 5 questions. Mandatory requirement is one question. One question option can be used with very short reference texts.
- 5. This mode can be used for adding multiple similar questions based on a set of common instructions. Eg: Correct the use of 'a', 'an', 'the' the following sentences.

LONG ANSWER

Instructions for adding Long Answer Questions:

- 1. Questions that can be answered in 5-10 sentences/steps
- 2. By default the marks given is 4. But you can change it if required.
- 3. Answer Explanation is REQUIRED for every question. Give the full answer in about 10 sentences on in 100-150 words.
- 4. For the main question text box, please check that the formatting is not copied from MS word or other tools.
- 5. Image upload for the question is optional and need to be used only if the question is based on an image.
- 6. View the uploaded questions and check that the formatting is correct.

DRAW/LABEL PICTURE

Instructions for adding Draw/Label Picture Questions:

- 1. Questions were students need to draw a picture on label a reference picture given.
- 2. By default the marks given is 4. But you can change it if required.
- 3. Images with marked parts or locations should be uploaded. Markings can be done with colours, numbers, alphabets or any other way. Images should be as small as possible and should in JPG or PNG formats.
- 4. Answer Explanation is REQUIRED for every question. Please enter the correct answer for every question in the Answer Explained box.
- 5. View the uploaded questions and check that the formatting is correct.

VERY LONG ANSWER/ ESSAY

Instructions for adding Essay/ Very Long Answer Questions:

- 1. Questions that can be answered in 10-15 sentences/steps. Essays in more than 200 words.
- 2. By default the marks given is 5. But you can change it if required.
- 3. Answer is REQUIRED. Provide full answer wherever possible. In essay type questions give the important points to be covered in the answer with instructions for students.
- 4. For the main question text box, please check that the formatting is not copied from MS word or other tools.
- 5. Image upload for the question is optional and need to be used only if the question is based on an image.
- 6. View the uploaded questions and check that the formatting is correct.

Reading/Comprehension/Custom: Refer to the CBSE English sample question paper for 2019-20. Multiple sub questions of different types can be created under a common reference passage or reference images

1. Add a passage based on which sub questions need to be added.

2. Mark the cognitive levels, difficulty levels and source at the question passage level.

3. Select the type of sub questions required from MCQ, FIB, T&F or SA. By default MCQ is selected which can be changed if required.

4. Add the sub question matching to the type of sub question you have selected. 5. Answer Explanation is optional, but should be given if the question is difficult.

6. This type of questions can be used for reading/comprehension skills or to add any custom question with sub questions.

Assertion/ Reasoning: Refer to the CBSE Science sample question paper for 2019-20. Questions to confirm 4 options based on assertion and reasoning statements given for a concept.

1. Add two statements, one is named as ASSERTION and the other is named as REASON which should fall in any of the following options.

(A) Both Assertion and Reason are correct and Reason is the correct explanation of the Assertion.

(B) Both Assertion and Reason are correct but Reason is not the correct explanation of the Assertion.

(C) Assertion is correct but the Reason is wrong statement.

- (D) Assertion is wrong but the Reason is correct statement.
- 2. Choose the correct option from the 4 options given above.
- 3. Answer Explanation is optional, but should be given if the question is difficult.
- 4. Fill the other mandatory fields.

USING EQUATIONS and FORMULAS:

Lovemytest. com uses **LaTeX equation editors** to add equations. MS word equations and symbols won't work on webpages. You can practice creating LaTeX equations on the HOSTMATH link given below. Check the examples on how to use them.

Host Math Editor : <u>http://hostmath.com/</u>

Codecogs editor: https://www.codecogs.com/latex/eqneditor.php

Examples: http://www.lovemytest.com/instructions/examples_latex.php

Using HOSTMATH Equation Editor:

- 1. Login to the URL : <u>http://hostmath.com/</u>
- 2. Select the menu for different type of equations and symbols



3. Take an equation type and change values inside the formula on right side, it will show the actual equation below.



4. You can also embed one formula within another to get more difficult formulas



Adding EQUATIONS and FORMULAS in lovemytest:

- Once your equation is ready, you need to copy and paste the equation into the question entry text boxes. Eg: this text is copied from host math \sqrt[3]{x^{2}+y^{3}}
- You need to add the \$\$ symbol before and after the equation when you copy paste it into the LMT text box. Better to add one space after \$\$ and before \$\$. This is how the browser is detecting where an equation is starting and ending. You can use curly brackets { } to apply a formula to multiple items Eg: \$x^{-3}\$ will show as x⁻³

3. *Example:* \$ \sqrt[3]{x^{2}+y^{3}} \$



4. Above added page shows as below in the review question page:

Question:Solve the equation $\sqrt[3]{x^2 + y^3}$ Hint:Equation $\sqrt[3]{x^2 + y^3}$ Answer explained:Solution: $\sqrt[3]{x^2 + y^3}$ $= \sqrt[3]{x^2 + y^3}$ = Next steps

5. Once you learn the syntax of the equations, you can add them directly too without going to an equation editor like Hostmath. To start with use Hostmath. In case you are not able to find a type of equation or formula in Hostmath, you can check for the same in the codecogs link given above too. If you need further help with any equation, you may contact us.

Some examples of LaTeX syntax (Click here to See More Examples)

```
4
              \frac{4}{5}
                                                      \sqrt[3]{a^2+b^2} \ \sqrt[3]{a^2+b^2}
   \overline{5}
              a^2+b^2
 a^2 + b^2
                                                     \therefore a + b = c \therefore a+b =c
 a^{-2} + b^{-3}
              a^{-2} + b^{-3}
                                                                    because a = b
                                                      \therefore a = b
a^{2} + b^{2}
             frac{a^2 + b^2}{c^2}
                                                   A_2 + B_3 = C_2 A_2 + B_3 = C_2
   c^2
                                                        45^{\circ}C
                                                                    45^\circ C
              a^2 \times b^2
 a^2 	imes b^2
                                                    CH_3OH + H_2O CH_3OH +H_2O
  \sqrt{25}
              sqrt{25}
Use $ symbol before and after the equations before adding to the question editor
  example: \frac{1}{5}
                                            $45^\circ C$
```

<u>SYMBOLS</u>: You may use some mathematical symbols and Greek alphabets etc as direct copy paste too without using the equation editor. Please see the below link for various symbols.

http://www.lovemytest.com/instructions/symbols.pdf

ADDING TABLES:

The new version of textbox for entering questions and explanations doesn't have insert table option.

If you want to add a table in the textbox, you can copy paste tables from the below link. You can also add extra rows and columns as required before copying the table structure

https://lovemytest.com/formats/tables

ADDING IMAGES:

Images should be added in JPG or PNG format. You can find two simple tools in the below link which you can download and install. You can use MS paint, Photoshop or any other image editing tool to create images. Few tools that can help to create images are given below. Simple tables created in word can be copy pasted in the question text boxes directly.

MSPaint/Paint: It is drawing software available in windows to do basic editing. It is available under programs/accessories/Paint.

Online Image Editor: You can use the free online editor to modify/improve images which are already created or taken from books. <u>https://www.freeonlinephotoeditor.com/</u>

OTHER IMAGE TOOLS: Download link

We have added some tools on the above link to take screen shots, image editing and PDF reading. They can be downloaded from the below link and installed in a windows based computer.

LightShot: A simple tool to copy paste images or text as a screenshot from a webpage, scanned book, PDF files etc. Install the software and use print screen button to take the screenshot of a selected area using the mouse. Paste the screenshot to MS paint or any other software and edit it if required.

PaintshopPro4: A simple tool to edit images and save them a JPGs or PNGs. If you copy and image using Lightshot, you can paste them as a new image in paint shop with Ctrl+V or into an existing image with ctrl+E. You can then do simple enhancements, cropping, adding text etc. (You may use the installer or simply copy paste the software and run the psp.exe file)

PaintshopPro7: An advanced version of the software with layers etc. If you are familiar with advanced tools like Photoshop etc, you can try this. Once installed, it will show under All Programs/ Jasc Software. Though it shows evaluation version, it will run without order/registration.

ACD/ChemSketch: Download from <u>ChemSketch</u> giving your details. It is an excellent free tool to create diagrams as well as Chemical structures. Many ready templates are available for chemistry drawings. It can be used for other type of drawings too. Files can be saved in PNG format which will automatically crop the mage to the smallest size. If you need to edit and reuse a file, then save it in .sk2 format too. Find the ready chemical structures under the 'Template' menu.

Draw.io : <u>https://www.draw.io/</u> (Online)

This is a free online software which is useful for creating diagrams. It has got readymade figures which can be modified. The editable files can be saved to use them again; final files to be used in lovemytest should be exported in PNG or JPG format.

KRITA: <u>https://krita.org</u>. Krita is a full version free image creation/editing/painting tool which is as good as or better than photoshop. You can download the version compatible to your system and use it from the above link.

Image specifications and improvements:

- Images should be cropped to take only the part which is relevant for the question. Remove the extra blank spaces, borders, page numbers etc.
- Images should be resized to smallest possible size (dimensions) where the text is readable and the required details are visible. See the images how it will look in 100% size that is how it will appear on the page. Ideally image width should not be more than 600pix or the height not more than 400 pix.
- Please think how an image would appear if the question is used on printed question paper too, hence make the images accordingly.
- Images used in MCQ options, should be same dimensions and very small (thumbnail size) to make them come in one line.
- Sharpen the image a bit after resizing to make the text if any clearly readable. You may also try other improvements available in the online tool.
- Do not upload photos taken using mobile/digital camera as it is. Edit them as mentioned above before uploading.
- If you are drawing on paper and adding a photo/or scanned image, please use white paper. Do not use paper with lines or colours. You can add drawing/sketches/geometrical figures or notes for answers like this. If the image comes dark, you can adjust the brightness / contrast to make the background white/brighter.
- Please ensure such drawings are done using geometry box with correct proportions than freehand.
- You need not show the bigger figures in the actual size as it may take too much space on a printed question paper. Since values are written students will understand the length of the sides. Draw the main figure always in black as colours won't show anyway on a printed question paper and coloured figures will fade in print.
- To reduce the file size to minimum, make the images small, reduce the colours to 16 colours for black and white images and to 256 colours for coloured images and save as PNG file.

Adding Images In between a question:

27) Simplified absorption spectra of three complexes ((i), (ii) and (iii)) of Mn^+ ion are provided below; their λ_{max} values are marked as A, B and C respectively.



The correct match between the complexes and their λ_{max} values is

(i) $[M(NCS)_6]^{(-6+n)}$ (ii) $[MF_6]^{(-6+n)}$

You can add an image like above in between a question too. For that, first save the question along with uploaded the image and the image will appear at the bottom of the question as shown below.

27) Simplified absorption spectra of three complexes ((i), (ii) and (iii)) of Mn^+ ion are provided below; their λ_{max} . The correct match between the complexes and their λ_{max} values is



Now, from the view questions page, right click the image and copy the image link. The image link will look like below: https://lovemytest.com/uploads/questions/1_photo_0_46442042_235765.png



Now, edit the question, identify the location to add the image, open the insert > image menu dialog box and add the copied image link as the source.

Now, save the image source and remove the earlier added image, else both the images will appear in the question.

Save the question and see if the image is displayed correctly in the view question page.

Class: 51, Subject: Chemistry, Topic: Coordination Compounds

Suggested mark	for this question 1		~		
File Edit View	Insert Format Tools Ta	able			
S → Paraç	n 🐼 Image	= = = =	E E		
Simplified abso as A, B and C r	Link Link Media	omplexes ((i), (i	Insert/Edit Image		×
The correct ma	t Special character	es and their \$\	https://lovemytest.com/up Alternative description	loads/questions/1_photo	0_0_464420
(ii) \$[MF_6]^{(- (iii) \$[M(NH_3)]	Anchor		Width 181	Height	
Choose Files	lo file chosen			Cancel	Save
A - (ii), B - (iii), C	- (i)		A - (II),	B - (I), C - (III)	

Image sources/reference:

- You may take screen shots of the images from the book used.
- You may take reference images from the free site: <u>https://pixabay.com/</u>

- If images are taken from the net, try to modify it as much as possible with different effects and filters.
- If there are complex images to be used in a question you can mail the reference image to us and we will get it created by a graphic artist.

ADDING TABLES and graphs from MS word:

Tables from MS word can be copy pasted in the answer text boxes for LA, VLA and DL categories as well as the question textboxes. There can be more than one table added one below the other if required. However keep the tables as small as possible. The text boxes can be enlarged to view more by pulling it from the right bottom corner.

Excel tables if required can be pasted into MS word first and then copied to the text box.

PowerPoint graphs can be copy pasted to the textbox in Firefox browser. Chrome doesn't allow clipboard copy paste. Even tables as images can be copy pasted in the textbox in Firefox. However avoid images in the text box as much as possible as it increases the database size (normally images are linked as attachment). If required anyways, keep them as small as possible.

Use the standard font as CALIBRI-11 in the tables created in MS word. If text is required in smaller sizes use CALIBRI-10 or 9.

Avoid paste an entire MS word page including paragraph text and tables together into the text box. It will take all the word formatting include paragraph spacing, heading etc.. Add the text without any formatting and add then add the tables separately.

TAKING TEXT FROM IMAGES, SCREENSHOTS or PDFs.

Use Microsoft OneNote:

You can take text from a screen shot by pasting the screen shot into **Microsoft OneNote**. OneNote is a software available in MS Office package. Check for it in your MS Office link in windows start menu. (Start/All Programs/Microsoft Office/ Microsoft OneNote)

You can copy part of a screen with text using Lightshot or any other screen grab software. Paste the screenshot in to Microsoft OneNote. After that, right click and select 'Copy Text from Picture' to copy paste the text into Notepad. (How to get or use Lightshot is explained in the 'Adding Images' section above)

Please note that the text copy pasted using OneNote uses an image to text (OCR) technology, hence the text may not be 100% accurate. It may not take some special characters or read the text incorrectly if the image is not very good. Hence do a manual check after taking text in this way.

Use Free OCR

Use the Free OCR available in the Tools Link, to take out text from non searchable PDF files.

Tools: https://drive.google.com/drive/folders/1GfbYPXE35JAdgCd9d5tRXHrKbD10oFaF?usp=sharing

Using this tool, you can convert an entire PDF into text or take out text page by page and save it as text on MS word files. It won't convert the PDF file as it is but will take out the text part using

OCR(optical character reading) technology. The quality of output depends on the clarity of the PDF files.

SUPPORT FOR TEACHERS:

https://lovemytest.com/support

Access instructions tutorial videos and for teachers for implementing the system in your school. Go through the step-by-step videos to understand process in detail.

<u>Teacher Instructions and Guidelines</u> <u>Tutorial Videos</u> <u>Teacher Interface Preview</u>

HOW IT WORKS: The process, requirements and FAQs: <u>How it Works?</u>

SUPPORT FOR STUDENTS: Below link can be shared with students to help them take the exams. <u>Student Support</u>