

Multiple Choice

Which season is the the coldest?

Select one:

- a. summer
- b. spring
- c. winter
- d. fall

Clear my choice

One-answer-only question

What are the seasons in a year?

Select one or more:

- a. Summer
- b. Spring
- c. Fall/Autumn
- d. Winter

Multiple answers question

Overview

Multiple Choice should be one of the question types for you to consider, when you are going to create the choice-based questions. It allows students to select the correct answer(s) from a list of options, and the system will automatically mark it if you have set the right answer properly. Besides the text, the question and answer options can also be images, audio, videos and other media.

What to know

Multiple choice question type can support 2 types of choice-based questions:

1. One-answer-only question (students can only select one correct answer)
2. Multiple answers allowed question (allow partial correct answer will get some grades)

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Step 1: Access the Quiz activity where you want to create the question

In your module area/course, click the link of the Quiz activity where you want to create a new Multiple Choice question.

▼ Topic 5



Example Quiz

Receive a grade

Opened: Wednesday, 8 November 2023, 1:31 PM

Note: If an appropriate Quiz activity doesn't exist in your module area/course, please see [Add a Quiz](#) for details of how to create one.

Step 2: Questions editing page

1. Click the 'Questions' tab.

The screenshot shows the 'Example Quiz' interface. At the top left is a pink square icon with a white checkmark. To its right is the title 'Example Quiz'. Below the title is a navigation menu with tabs: 'Quiz', 'Settings', 'Questions', 'Results', 'Question bank', and 'More'. The 'Questions' tab is highlighted with a red box. Below the navigation menu is a 'Receive a grade' button. Underneath that is the text 'Opened: Wednesday, 8 November 2023, 1:31 PM'. At the bottom left is a blue 'Preview quiz' button. Below the button is the text 'Attempts allowed: 1'.

Step 3: Add a new question

1. On the following page, click the 'Add' link.
2. Click the 'a new question' link in the drop-down menu.

Example Quiz

Quiz Settings Questions Results Question bank More ▾

Questions

Questions: 1 | This quiz is open

Maximum grade Save

Repaginate Select multiple items Total of marks: 1.00

Page 1

1 The Loch Ness Monster is a type of? The Loch Ness Monster ... Always

- + a new question
- + from question bank
- + a random question

Step 4: Choose a question type

1. Locate and select the Multiple choice question type from the pop-up window.
2. Click the 'Add' button.

Choose a question type to add

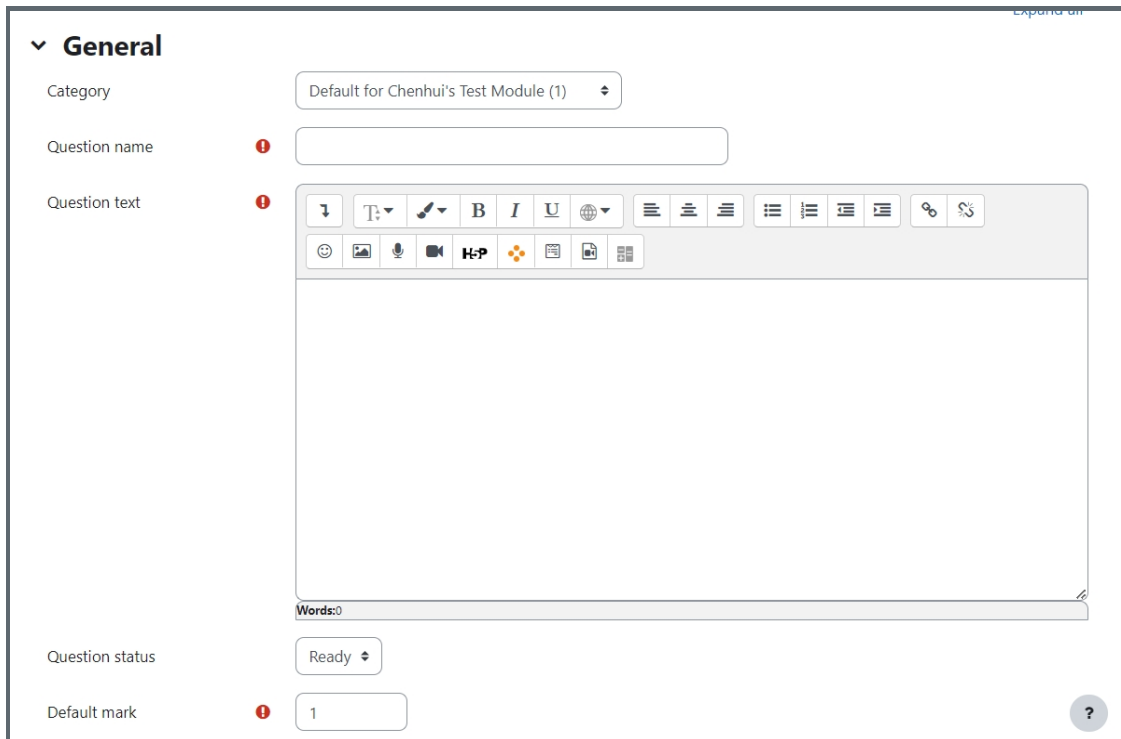
QUESTION TYPES

- Multiple choice
- True/False
- Matching
- Short answer
- Numerical
- Essay
- All-or-Nothing Multiple Choice
- Calculated
- Calculated multichoice
- Calculated simple
- CodeRunner

Allows the selection of a single or multiple responses from a pre-defined list.

Step 5: General settings

Set the general information of the question by:



The screenshot shows the 'General' settings panel for a question. It includes the following fields and options:

- Category:** A dropdown menu set to 'Default for Chenhui's Test Module (1)'.
- Question name:** An empty text input field with a red information icon to its left.
- Question text:** A large text area with a rich text editor toolbar above it. The toolbar includes icons for undo, redo, text color, background color, bold, italic, underline, link, unlink, list, and table. Below the text area is a 'Words:0' counter.
- Question status:** A dropdown menu set to 'Ready'.
- Default mark:** A text input field containing the number '1' with a red information icon to its left.

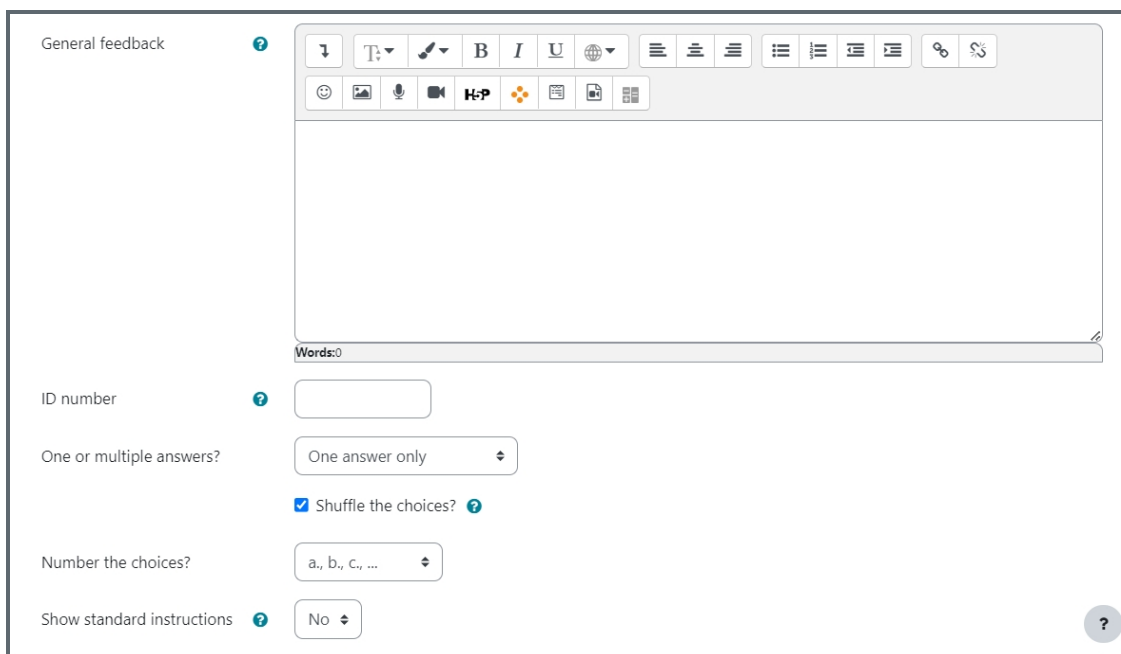
A question mark icon is located in the bottom right corner of the panel.

Category: Where you want the question to be saved.

Question name: It will be shown when you are searching the questions in question bank, but students can't see the question name.

Question text: It describes the question itself and students will see it when taking the quiz.

Default mark: Please set the default mark as 1. We can change the marks later when you are editing the whole quiz.



The screenshot shows the 'General feedback' settings panel for a question. It includes the following fields and options:

- General feedback:** A large text area with a rich text editor toolbar above it. The toolbar includes icons for undo, redo, text color, background color, bold, italic, underline, link, unlink, list, and table. Below the text area is a 'Words:0' counter.
- ID number:** An empty text input field with a blue question mark icon to its left.
- One or multiple answers?:** A dropdown menu set to 'One answer only'.
- Shuffle the choices?:** A checked checkbox with a blue question mark icon to its right.
- Number the choices?:** A dropdown menu set to 'a., b., c., ...'.
- Show standard instructions:** A dropdown menu set to 'No'.

A question mark icon is located in the bottom right corner of the panel.

General feedback: General feedback is shown to the student after they have completed the question. Unlike specific feedback, which depends on the question type and what response the student gave, the same general feedback text is shown to all students. You can use the general feedback to give students a fully worked answer and perhaps a link to more information they can use if they did not understand the questions.

ID number: If used, the ID number must be unique within each question category. It provides another way of

identifying a question which is sometimes useful, but can usually be left blank.

One or multiple answers?: You can choose if the question is one answer only or has multiple answers.

Shuffle the choices: You can tick/untick this option. It means the order of the choices will be different for different student/attempt.

Number the choices: It changes the number format for each options, such as using the "1, 2, 3..." or "a, b, c..."

Show standard instructions: Whether to show the instructions "Select one" or "Select one or more".

Step 6: Answers settings

Set the content, grade and feedback for each choice:

The screenshot shows the 'Answers' settings panel. It contains two choice options, 'Choice 1' and 'Choice 2'. Each choice has a text editor with a rich text toolbar (including bold, italic, underline, link, unlink, list, and table) and a media toolbar (including image, audio, video, and H-P). Below the text editor is a 'Words' counter and a message: 'A draft version of this text was automatically restored.' Below the text editor is a 'Grade' dropdown menu. Below the grade dropdown is a feedback text editor with the same rich text toolbar and media toolbar. The 'Choice 1' text editor contains the word 'spring', the 'Grade' dropdown is set to 'None', and the feedback text editor contains 'try again'. The 'Choice 2' text editor contains the word 'summer'.

Choice: It's the place you can create the answer options. Text, images, audio, video and other media are supported by using the text editor.

Grade: The percentage of the grade will determine which answer is correct or partially correct.

If you are creating One answer only question, you can only set the grade for correct answer as 100% or give partial correct grades for some special answers.

If you are creating Multiple choices question, you should make sure that the addition of the correct answers should be 100%, and the wrong answers should have penalty like:

The screenshot shows a 'Grade' dropdown menu with a value of '-25%' selected. The dropdown is highlighted with a dashed border.

Feedback: The content of feedback for each answer can be the explanation of the option about why it is right or wrong. (Optional)

Tips: If the boxes of the answer options are not enough, please click the button "Blanks for 3 more choices" to add more options:

Blanks for 3 more choices

Step 7: Combined feedback (Optional)

Set the combined feedback for the question which will be show as the feedback according to students' grade of this question by:

Combined feedback

For any correct response

Your answer is correct.

Words:4

For any partially correct response

Your answer is partially correct.

Words:5

Options

Show the number of correct responses once the question has finished

For any incorrect response

Your answer is incorrect.

Words:4

Step 8: Multiple tries

When questions are run using the '*Interactive with multiple tries*' or '*Adaptive mode*' behaviour, so that the student will have several tries to get the question right, then this option will be useful to control how much they are penalised and what hint you will receive for each incorrect try :

Multiple tries

Penalty for each incorrect try

Hint 1

Words:0

Hint 1 options Options Clear incorrect responses Show the number of correct responses

Hint 2

Words:0

Hint 2 options Options Clear incorrect responses Show the number of correct responses

Penalty for each incorrect try:

The penalty is a proportion of the total question grade, so if the question is worth three marks, and the penalty is 0.3333333, then the student will score 3 if they get the question right first time, 2 if they get it right second try, and 1 of they get it right on the third try.

For some multi-part questions this scoring logic is applied separately to each part of the question. The details depend on the question type and can be complicated, but the principle is to give students credit for the knowledge they have demonstrated as fairly as possible.

Hint: It is the message you want the students to see when they are wrong, it will help them to select the right answer in the next attempt. You can create more than one hints according to the attempts the quiz allowed.

Hint options: There are some options of automatic response, such as clear incorrect responses and show the number of

correct response.

Step 9: Tags (Optional)

If you are using tags, you can easily search for the question by the tag in the question bank.

▼ Tags

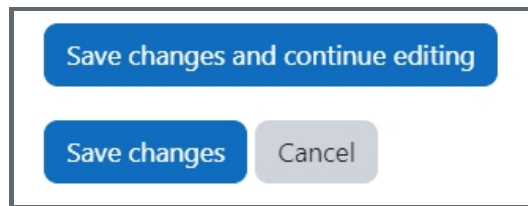
Tags

Any tags

 ▼

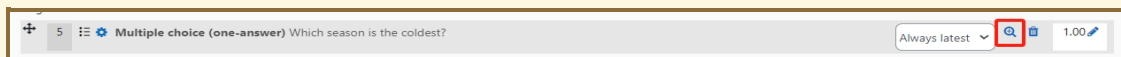
Step 10: Save changes

Please click the "Save changes and continue editing" or "Save changes" to save your changes.



A dialog box with three buttons: "Save changes and continue editing" (top, blue), "Save changes" (bottom left, blue), and "Cancel" (bottom right, grey).

Tips: You can also preview the questions by clicking:



A horizontal bar showing a question preview: "Multiple choice (one-answer) Which season is the coldest?". On the right, there is a dropdown menu set to "Always latest", a search icon (magnifying glass) highlighted with a red box, a trash icon, and a score of "1.00" with an edit icon.

Online URL: <https://knowledgebase.xjtlu.edu.cn/article/multiple-choice-7.html>