



QUIZ

Categories-inserting questions-creating a quiz

(updated on 26 May 2021)



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**UNIVERSITÀ
DI TRENTO**

**Direzione
Didattica e Servizi agli Studenti**

Visualization of the quiz – teacher 22



Creating categories

After configuring the general structure of the quiz, you need to create the questions, subdividing them in 'categories' or repositories. This type of structure allows you to organize the questions practically and write the quiz using a number of questions from each category.

It is also possible to have a single category, and for each test use the same type of question; it is up to the teacher.

In the Administrator menu on the left side of the page, click on Deposito delle domande (Question repository) > Categorie (Categories):



ATTENTION: the first time you create questions a virtual tour of the guidelines presented here will start. We would recommend watching it.



The Default page opens, showing the main course category::

Categorie di domande per 'Co

- **Default per quiz (0)**
La categoria default per le domande cond

Within this macro category, **we would suggest creating as many categories as there are question repositories that you want to use.**

Adding a category

Scroll down the page to **Aggiungi categoria (Add Category)**. Insert the name of the subcategory (or question repository):

Aggiungi categoria

Categoria genitore ? Default per quiz

Nome ! **Serbatoio 1**

Aggiungi categoria

Click on Aggiungi categoria (Add category) to confirm:

Now click the title of the category created; it is now possible to add questions.

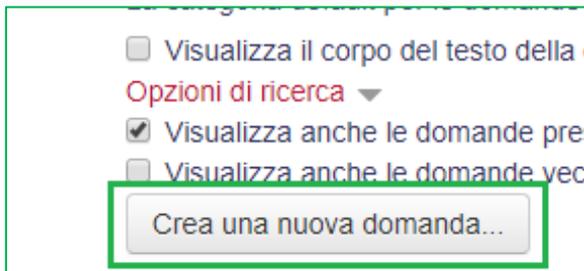
Categorie di domande per 'Co

- **Default per quiz (0)**
La categoria default per le domande cond
- **Serbatoio 1 (3)**    

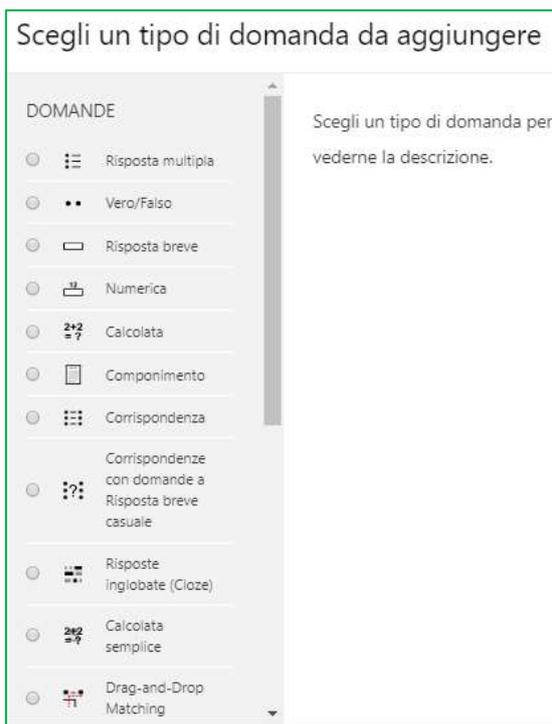


Creating questions

Click on 'Crea una nuova domanda' (Create a new question).



Moodle offers many question types; we would suggest using MULTIPLE CHOICE (with one or more correct options), TRUE / FALSE, SHORT ANSWER, COMPOSITION.



Multiple Choice

From the list of question types select 'Risposta multipla' (multiple choice) and fill in the required fields.



Name

Insert a number and a code that will tell you which category the question belongs to and its position. For example S1_001, or Serbatoio (Repository) 1-question number 1:

Generale

Categoria Serbatoio 1

Nome della domanda ! S1_001

Question text

Type in or copy and paste from another file the question text.

Testo della domanda !

Paragrafo B I

Qual è il fiume che passa per Trento?

Default scoring

Assign the score you want to give for a correct answer, or when there is more than one correct option, the total score.

Punteggio di default ! 2

One or more options

In this field you can select the number of correct options; the default is one correct option:

ATTENTION: if you have multiple correct options, in the question text, we would recommend putting in the number of options to select so the student knows how to answer the question. It is not possible stop an option from being selected.

Una o più alternative

Una sola alternativa

Più alternative

Una sola alternativa



Options in random order

If the quiz 'box' is configured to present the options in random order, this will be the default setting for all questions. You can deselect this option when, for example, one of the options is "None of the above". In this way the answer can be placed last; all the options, however, will have a fixed order.

Alternative in ordine casuale

Numbering options

Leave the default setting (Nessuna) (None)

Numerazione delle alternative Nessuna

Answers

Now insert the options that correspond with 'Option 1', 'Option 2' etc. You can add more options by clicking on 'Spazi per altre 3 alternative' (Space for 3 more options).

With longer, copied and pasted texts, you can improve the screen view by widening the text field with the mouse using the bottom right corner:

Alternativa 1
Adige
Percorso: p

Alternativa 2
Tevere
Percorso: p

Scoring

Remember to select the score from the drop-down menu for each option. **Moodle uses percentages so a 100% score is given to the correct option (when there is only one correct option), or the score is divided according to the number of correct options (two correct options are given 50% each, three correct options are given 33% and so on).**



key=Xemb781Ynr
ni online Refera...
casuale ?
le alternative
Alternativa 1
Valutazione

Nessuno
100%
90%
83,33333%
80%
75%
70%
66,66667%
60%
50%
40%
33,33333%
30%
25%
20%
16,66667%
14,28571%
12,5%
11,11111%
10%
Nessuno

Likewise, incorrect options can be given a score of 0 (=Nessuno) or a negative score, which is still calculated as a percentage.

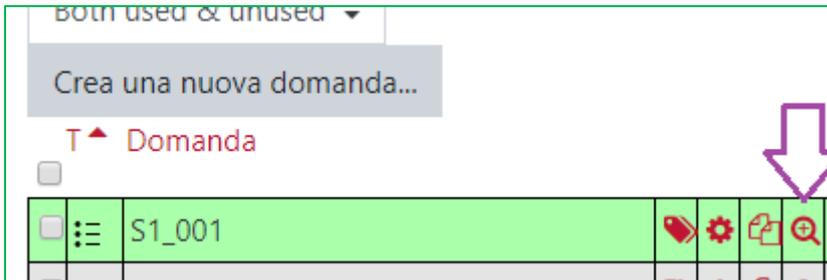
ATTENTION: assigning scores is an option by option, so if you want to give a negative score you need to remember to select it from the drop-down menu.

In this example, the incorrect option has been given 0 (=Nessuno):

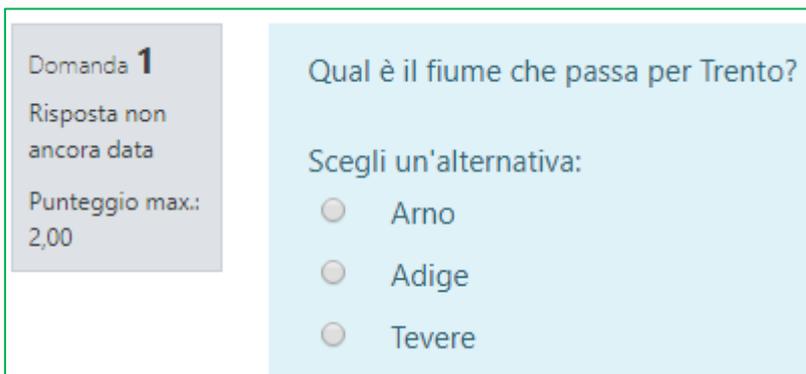
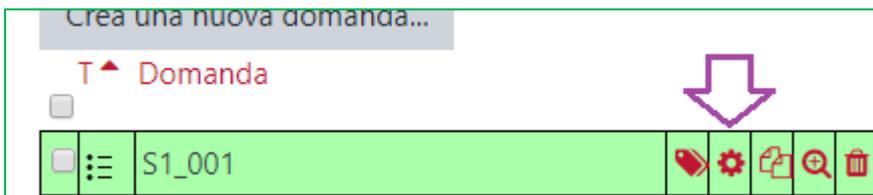
Alternativa 2
Paragrafo
Tevere
Percorso: p
Valutazione
Nessuno

When you have inserted all the options click on **Salva modifiche** (Save changes).

You can see a preview of the question by clicking on the magnifying glass icon:



If there are corrections to make and you need to make further changes click on the settings icon:



ATTENTION: important note on assigning negative scores

As we said, incorrect answers can be given negative scores; however, in the overall final score calculations, Moodle works as follows:

>Single-answer question type:

If the student's answer is wrong and is assigned a negative score, the total score for the question can be lower than zero, but only if the quiz settings are on **DEFERRED FEEDBACK** (default settings are on <https://esamionline.unitn.it/my/>).

As for adaptive feedback/multiple attempts, the score CANNOT be negative (read the related document on Moodle):

https://docs.moodle.org/36/en/Multiple_Choice_question_type#Single-answer_questions)



> *Multiple-answer question type:*

If the student's answers final score is below zero, the total score assigned to the question is still ZERO (it CANNOT be negative).

You can find related documents clicking on the following link:

https://docs.moodle.org/36/en/Multiple_Choice_question_type#Single-answer_questions

For the multiple-answer question type it might be necessary to apply a penalty to prevent students from selecting all possible options to obtain a full mark. In any case, if the score is below zero, only zero will feature in the total score.

If the examiner wants to take also negative scores into account, it is possible to change the final results at the end of the quiz, after downloading them on an Excel file.

For both single-answer and multiple-answer question types it is advisable to include a "No answer" option (scoring 0).

However, for multiple-answer questions this is not necessary, as the student can simply deselect answers.



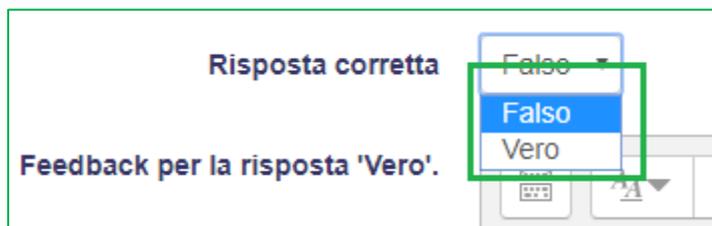
True/False

Click on Crea una nuova domanda (Create a new question) and select True-False.

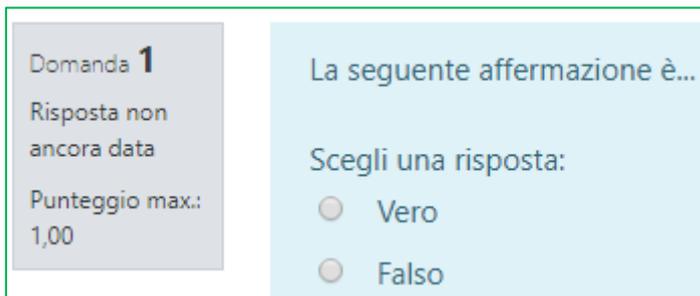
Number the question as previously suggested then insert in the text and the score.

Correct answer

The FALSE option appears as the pre-selected correct answer. Change it if necessary from the drop-down menu.



Save and view the preview:

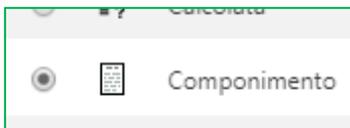




Composition

The composition question type allows the students to produce a much more articulated response, which must be corrected by the teacher as it cannot be corrected automatically,

Click on **Aggiungi una domanda** (Add a question) and select 'Componimento' (Composition):



Insert the question number and the task.

Nome della domanda	!	07
Testo della domanda	!	<p>Paragrafo B I</p> <p>Spiega in modo esaustivo la seguente definizione...</p>

You can also assign a score to the composition; the teacher will give the score after correction:

Punteggio di default	!	10
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Options for the answer

We would suggest you select **testo semplice** (simple text) for the format of the answer:

Formato risposta	Editor HTML
Inserimento testo	Editor HTML Editor HTML con file picker Testo semplice Testo semplice con carattere a spazi Senza testo online
del riquadro di input	



In this way the students will see a simple text box that they can type the answer in, without being able to use formatting options (editor Html), which could potentially create problems and also waste time.

Whether inputting text is compulsory or optional depends on the type of composition that the students are required to do. In fact, the students can upload any type of file. In that case, it might not be necessary to input any further text in the text box.

Inserimento testo

Dimensione del riquadro di input

- L'inserimento di testo è obbligatorio
- L'inserimento di testo è obbligatorio
- L'inserimento di testo è facoltativo

You can create a text box with a defined size that you decide on beforehand, but this will NOT limit the text that the students can input.

Dimensione del riquadro di input

Consenti allegati

Allegati richiesti ?

Tipi di file accettati ?

- 15 linee
- 5 linee
- 10 linee
- 15 linee
- 20 linee
- 25 linee
- 30 linee
- 35 linee
- 40 linee

The following settings allow or block attachments.

Consenti allegati

Allegati richiesti ?

Tipi di file accettati ?

- No
- No
- 1
- 2
- 3
- Nessun limite



Attention! If using Respondus LockDown browser for exam supervision, students cannot use external applications and will NOT be able to upload other file types.

Once the question is saved, you can view a preview. In the example, the student is asked to insert text and to attach a file.

Spiega in modo esaustivo la seguente definizione...

Dimensione massima dei file: Nessun limite, numero s

File

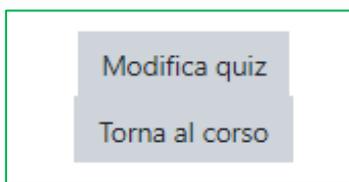
At the end of the exam, thanks to a specially developed plug-in, the teacher will be able to print a PDF report of the open questions. If the quiz is mixed, or it has both open and closed questions, the report will include both types of response. It will eventually be possible to make corrections on the original PDF file.



Creating the quiz

Once the questions have been added, you create the quiz; you can use all the questions, or make a random or precise selection.

To enter the quiz click on 'Modifica quiz' (Modify quiz):



From the drop-down menu 'Aggiungi' (Add) select one of the options:



- una domanda (one question): you can create a question in real time (we would advise against this because it's better to create all the questions before, categorising them)
- dal deposito domande (from the question repository): this is to select a number of specific questions from a particular category; in this way the test will be made up of these precise questions. In the example, questions S1_001 and S1_002 will be selected from the category Serbatoio 1 (Repository 1).



Scegli una categoria:
Serbatoio 1 (3)

No tag filters applied

Filtra per tag...

Opzioni di ricerca ▼

Visualizza anche le domande presenti nelle sotto
 Visualizza anche le domande vecchie

Both used & unused ▼

T ▲ Domanda

+ S_003 jfdvcnaòdfkfojkeròovlnkadfm

+ ☰ S1_001 fhbjknasdkfljeòrkvnask (selezio

+ ● S1_002 iefjnhdòfkvmeflmkqe

Aggiungi al quiz le domande selezionate

- una domanda casuale (a random question): this is to randomly select a set number of questions from the various categories created > this will allow you to create tests with the same number of different questions. In the example, two random questions will be selected from Serbatoio 1 (Repository 1):

Categoria esistente Nuova categoria

Categoria Serbatoio 1 (3)

Includi anche le domande vecchie

Tag ? Qualsiasi tag

Cerca

Numero di domande casuali 2 ▼

3 questions matching this filter: 3

You can see the difference between the two possibilities: in green I have two questions selected specifically, so the same for each student, in red the system



has randomly chosen two questions, so two different questions for every student.

Pagina 1

1	A1_002 dfvhjlsiguheòiwrvnbgknb
2	A_001 hcbsdk.c bdfjkdn <
3	Casuale (Serbatoio 1) (Visualizza domande)
4	Casuale (Serbatoio 1) (Visualizza domande)

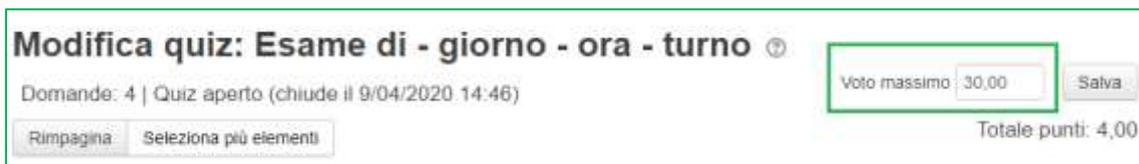


The questions can be ordered differently for each student. Click the box 'Ordinamento casuale' (Random order):



Maximum score:

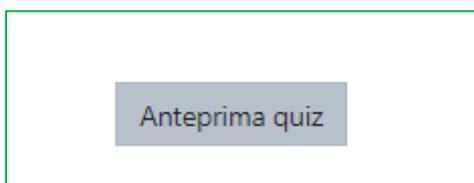
ATTENTION: by default, the system is set up to give a maximum score of 30.



Regardless of the sum total points attributed to single questions, (in the example this total is 4), **Moodle will convert the score out of 30.** You will need to set the pass mark at 18 (the 'Sufficienza' (Pass) option in the settings in the quiz box).

It is also possible to calculate scores with different cut-offs.

Once you have finished setting up the quiz, you can view a preview to see how it will appear on screen. Click on the title of the quiz and then click on 'Anteprima quiz' (Quiz preview).





Domanda **1**
Risposta non ancora data
Punteggio max.: 1,00
Contrassegna domanda
Modifica domanda

Conversation 3
The customer is in

Scegli un'alternativa:

- 1. a train station
- 2. a bus station
- 3. an airport

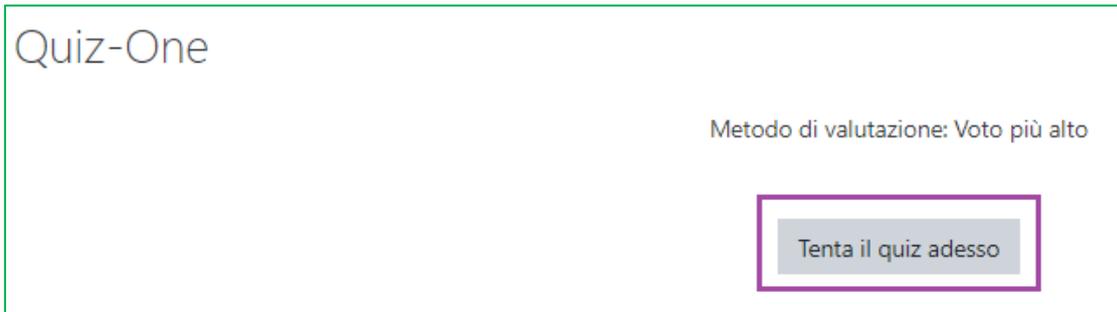
Pagina successiva

Navigazione
1 2
Termina il tentativo
Avvia una nuova domanda



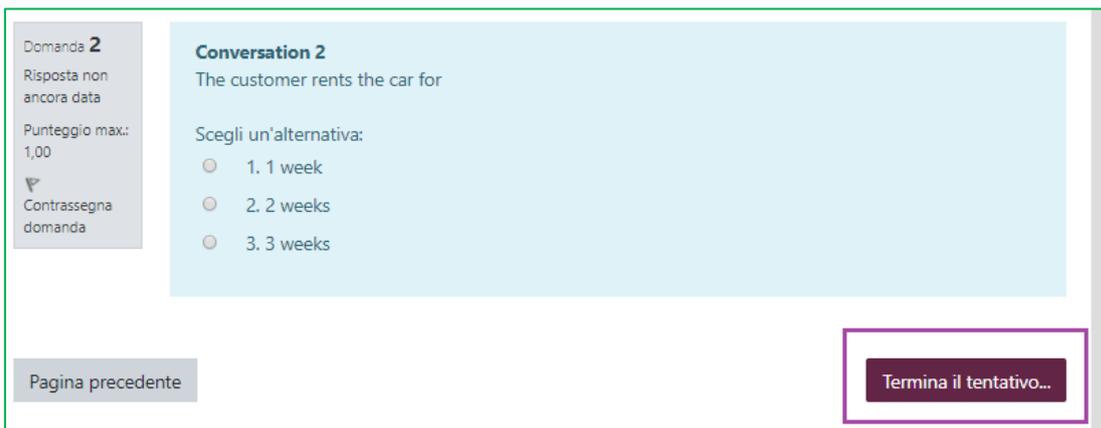
Visualisation of the quiz – student

The student accesses the quiz from the homepage, clicking on the title.



Now by clicking on 'Tenta il quiz' (Try quiz) the students can start answering.

After answering the questions, the students click on Termina tentativo (End quiz).



The student sends confirmation with 'Invia tutto e termina' (Send all and quit) and receives the feedback TEST INVIATO AL DOCENTE (TEST SENT TO TEACHER) (suggested setting).



Quiz-One

Riepilogo del tentativo

Domanda	Stato
1	Risposta salvata
2	Risposta salvata

Stato

Conferma

Stai per completare questo tentativo. Una volta chiuso il tentativo non potrai più modificare le risposte.



Visualisation of the quiz – Teacher

The teacher access the quiz by clicking ‘Tentativi: *numero*’ (Number of attempts).

Tentativi permessi: 1
Limite di tempo: 30 min.

Tentativi: 2

Riepilogo dei tuoi tentativi precedenti

Stato

A summary page appears, containing a list of the students and their relative tests.

Scarica tabella da

	Nome / Cognome	Matricola	Ind
<input type="checkbox"/>	Studente Test Rivedi tentativo	PER123456	stu
<input type="checkbox"/>	Andrea Test 2 Rivedi tentativo	CPER0019874	silv

Results in excel

You can extrapolate the results in an excel file.

From the drop down menu select the format of the summary file and then click ‘Scarica’ (Download):

Reimp

Scarica tabella dati come

Valori separati da virgola (.csv)

Valori separati da virgola (.csv)

Microsoft Excel (.xlsx)

Tabella HTML

Javascript Object Notation (.json)

OpenDocument (.ods)

Scarica

Nome / Cognome	Matricola	Indirizzo e	ato	Inizi
Studente Test Rivedi	PER123456	studente.test@unitn.it	Completato	8 ap 2020



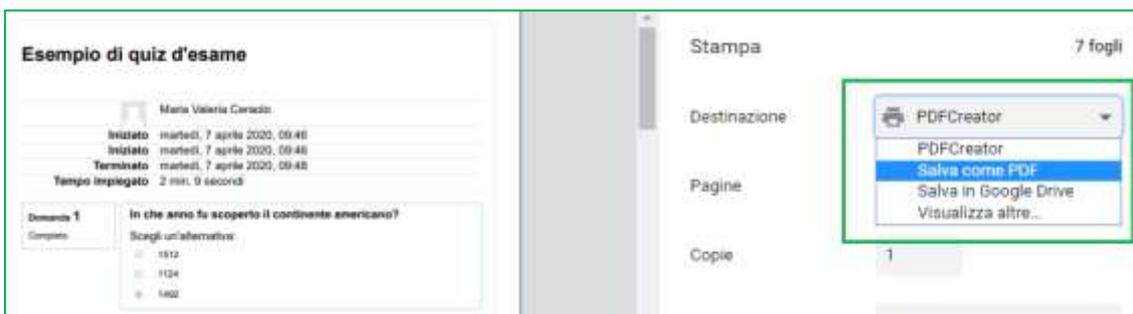
Report for open questions:

For open questions, a plug-in has been developed which allows you to print a PDF of the responses (if the quiz contains both closed and open questions, the PDF will also include the closed questions).

To print the reports, from the results of the quiz page, select 'Stampa risposte componente' (Print compositions) in the menu Amministrazione>Gestione Quiz (Administration>Quiz management) on the left:



Then click on 'Stampa' (Print) to generate the PDF which can then be saved.

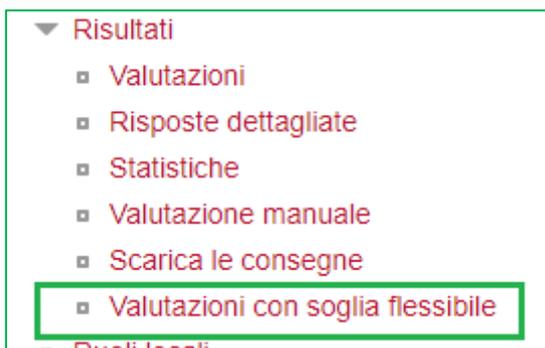




Results with a different cut off from 18/30

It is possible to re-calculate the scores changing the cut-off mark and receive an updated report.

On the quiz results page, in the menu Amministrazione>Gestione Quiz (Administration>Quiz management), select 'Valutazioni con soglia flessibile' (Evaluation with variable cut off):



You can set a different pass mark, for example (17)

Cosa includere nel report

Tentativi di

Stato dei tentativi In svolgimento

Punteggio massimo

Punteggio valutazione sufficiente

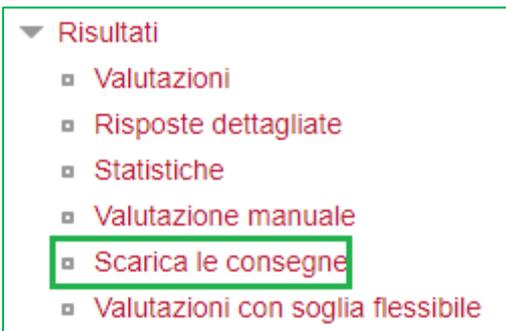
Downloading the results file again, you will get updated scores with the new pass mark.



Downloading submitted work (zip file attachments)

If the students have to attach a file, the teacher can download all the files by clicking '**Scarica le consegne**' (**Download submitted work**), which can be found in the settings menu in the quiz.

On the quiz results page, in the menu Amministrazione>Gestione Quiz (Administration>Quiz management), select 'Scarica le consegne' (Download submitted work):



For more information:

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