

MCQ test i ITSL.

Her følger en kort gennemgang af:

- Opsætning af MCQ test
- Kontrol af besvarelser under test
- Feedback til de studerende på resultater

Opsætning af MCQ test

1.

Log på sdu.itslearning.com og gå ind på det relevante kursus.

Under *Plans* vælger du den plan/dato, hvor testen skal foregå. Under *Resources and activities* trykker du på *Add* og derefter på *Show all*. Tryk på *Test*.

NB: Alternativt kan du oprette testen i en mappe under kursus-fanen *Resources*, hvorefter du kan tilføje testen i en plan.

The screenshot shows the ITS Learning interface. At the top, there is a table with columns: Plan, Date, Description, Resources, and Page. The 'Plan' column shows 'Lektion 5'. Below the table, there is a section for 'Activities' with several options: Assignment, Learning path, Task, Conference, Registration, and Test. The 'Test' option is highlighted with a red box. To the right, there is a 'Resources and activities' menu with options like Course, OneDrive, and Your computer. The 'Add' button is also highlighted with a red box.

2.

Angiv *Title* og *Introduction* for testen.

Title

Introduction

Font Size

In this test, you will

3.

Længere nede på siden kan du angive

A. *Deadline*. Her kan vælges ingen deadline eller deadline på et bestemt tidspunkt.

B. *Assessment*. Her kan vælges ingen *assessment*, score, 7-trinsskala, bestået/Ikke bestået. Vælges bestået/ikke bestået, angives tal mellem 0-100 i den lille tabel, som fremkommer.

Husk at markere *Add to Assessment Record*.

C. *Active*. Her vælges, hvorvidt eller hvornår, testen skal være aktiv. Vent med at aktivere testen, til du har tilføjet spørgsmål.

Deadline

At a specific time A

Allowed to submit after deadline

This task is homework

Assessment

Bestået/Ikke bestået B

Assessment	From and including %
Bestået	50
Ikke bestået	0

Add to assessment record

Mandatory

Yes No

Active

Yes No Set time span C

Tryk på *Save*. Testen ligger nu (ikke synlig for studerende) under den aktuelle *Plan*:

Resources and activities

- Læsevejledning til litteratur for lektion 1-6 - Murværk.pdf
- Aflæring med pdf zip og plagiattest
- Sandbox Test**

4.

Klik på testen. Nu kan du indstille specifikke parametre for testen og tilføje spørgsmål. For at tilføje spørgsmål vælger du fanebladet *Questions* og trykker på *Add*:

Sandbox Test

Test Test categories Questions Reports

Total max. score: 0

Add Delete question Import Export

Either/or

Multiple choice

Multiple response

Her vælger du (i dette eksempel) *Multiple choice*, og felterne udfyldes som beskrevet i det fremkomne vindue. Der kan fortsættes med flere spørgsmål. Husk at angive point (*Score value*) nederst.

5a. Vil du indsætte et billede?

Vælg mellem de allerede uploadede filer (disse fremkommer automatisk under *Your files*) eller tilføj nye fra computeren. Dette gøres som følger:

Klik på *Image*:

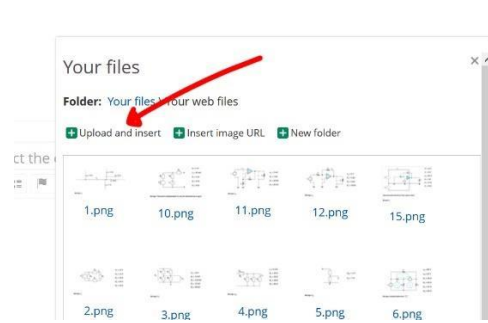
Add multiple choice question

1. Enter the question in the text area below

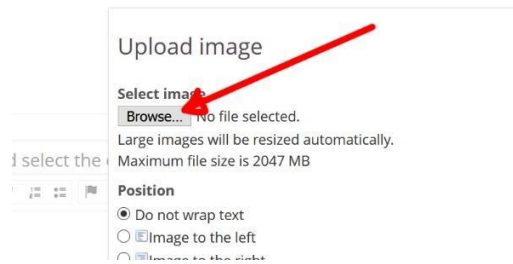
Font Size B I U A Ω

Image icon highlighted with a red arrow

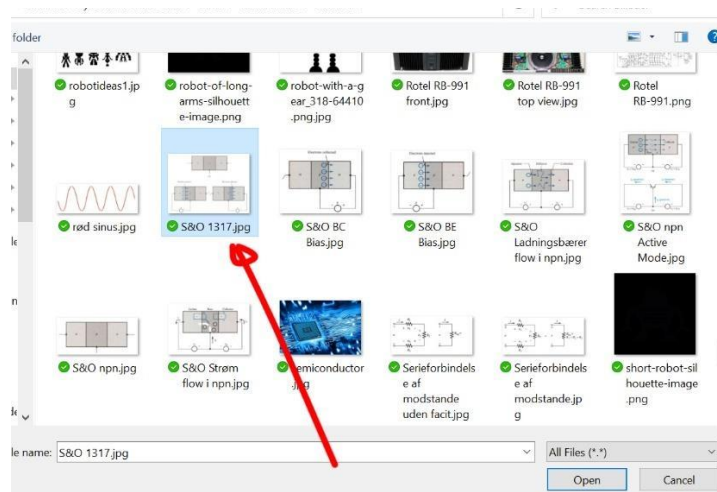
Klik på *Upload and insert*:



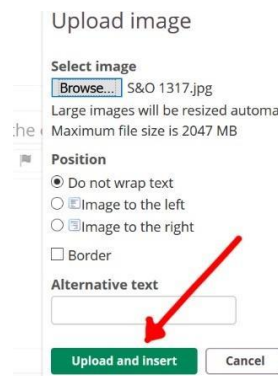
Vælg *Browse*:



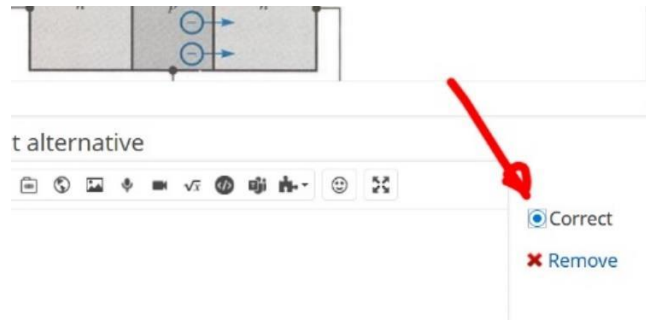
Vælg den ønskede fil:



Klik på *Upload and insert* (hvorefter denne fil nu tilføjes til *Your files*):



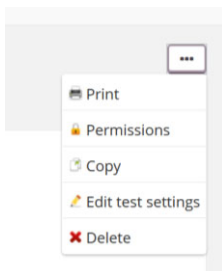
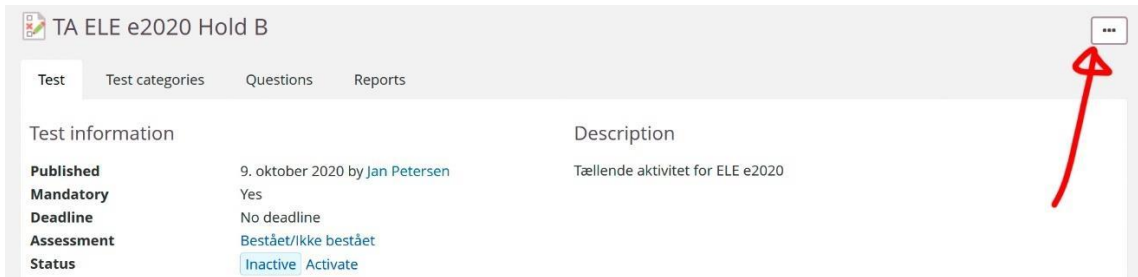
Herefter tilføjes svarmulighederne. Default er tre, men der kan tilføjes flere. Husk at angive hvilket svar, som er det korrekte:



6.

Vær opmærksom på de tre prikker øverst til højre, når du står på forsiden af testen. Her finder du adgang til at redigere indstillinger for testen samt hvem der må/kan tage testen.

Klik på de tre prikker og vælg *Edit Test Settings*.



Eksempel på udfyldelse af fanen *Test information* er vist herunder:

Edit test settings

Test information Options

Title

TA ELE e2020 Hold B

Introduction

Font Size B I U A - A - Ω Source

Tællende aktivitet for ELE e2020

body

Learning objectives



You cannot change the learning objectives for this test once the test is active or there are results.

Set mastery

With this setting, this test can set mastery for learning objectives (ignoring the recurrence rule '2 assessments in a row').

Deadline

No deadline

This task is homework

Assessment

Bestået/ikke bestået

Assessment From and including %

Bestået 0

Ikke bestået 0

Add to assessment record

Term

Fall 2020

Mandatory

Yes No

Active

Yes No Set time span

Activate

At a specific time Date 06-10-2020 Hour 13 Minute 00

Deactivate

Never

Minor edit. Do not notify of the change.

Save

Cancel

7.

Vælg fanen *Options* og udfyld efter behov. Et eksempel vises herunder hvor et specifikt tidsinterval er angivet. Dette angiver det tidsrum, som den studerende har til at udføre testen, når denne er påbegyndt i det tidsinterval, hvor man har gjort testen aktiv (på den foregående fane *Test information*).

Denne indstilling er påkrævet, såfremt man ønsker "Auto-submit":

Edit test settings

Test information Options

Scoring method

With penalty
Give a penalty for incorrect or incomplete answers - useful in exams and formal tests. The penalty may prevent participants from guessing.

Without penalty
All correct answers are rewarded - useful for training and motivation.

Criteria for completion

Set the percentage required for obtaining a 'Completed' in the progress report.

Display questions in random order
Present the questions in a random order from participant to participant

Question navigation

Forward only
Participants must answer a question before they are allowed to proceed to the next.

Free navigation
Participants can skip questions and navigate back and forth.

Show all questions on one page
Not recommended with many questions.

Attempts

Number of allowed attempts
1

Max time allowed for 1 attempt
Custom 120 in minutes. Empty = unlimited

Result and feedback

Show answer to participant
When the teacher decides Shows the score and whether or not the answer was correct

Reveal the correct answers

Use feedback

On questions
Shows feedback after every question.

On alternatives
Shows feedback after every alternative.

No feedback

If the answer is correct, display the following feedback
Your answer is correct.

If the answer is partially correct, display the following feedback
Your answer is only partially correct.

If the answer is incorrect, display the following feedback
Your answer is incorrect.

Test security

Require a password to take the test
●●● Show password

Save Cancel

Vær opmærksom på "Show answer to participant". Hvis du indstiller den til "When the teacher decides", kan ingen studerende se de korrekte svar. Når underviseren ønsker, at de studerende kan se svarene, kan indstillingen eksempelvis skiftes til "After all attempts":

Result and feedback

Show answer to participant

When the teacher decides Shows the score and whether or not the answer was correct

When the teacher decides

Never

After each attempt

After all attempts

If the answer is correct, display the following feedback

Som vist kan man nederst angive et *password* ("Require a password to take the test"), som skal indtastes af den studerende for at kunne påbegynde testen.

8.

Klik atter på de tre prikker og vælg Permissions. Her kan nu specificeres, hvem der kan tage denne test. Se eksempel:

The image shows two screenshots of a web interface for adjusting permissions for a test titled "Adjust permissions for TA ELE e2020 Hold B".

The top screenshot shows a menu under "I want to:" with four options:

- Select who should take this test
- Select who can see the results of the test
- Select who can add or modify test questions
- View a detailed overview of current permissions

The bottom screenshot shows the "Permissions" configuration screen. It has the title "Adjust permissions for TA ELE e2020 Hold B".

Under "You can now: Select who should take this test", there are two radio buttons: "Participants" (unselected) and "Groups" (selected).

Under "Select among", there is a search bar with "Name" as a placeholder. Below it, the group "Fysik og kredsløb/elektronik, (E20) Hold_A" is listed with a checkbox and a "Add -->" button.

Under "Permissions are given to", there is another search bar with "Name" as a placeholder. Below it, the group "Fysik og kredsløb/elektronik, (E20) Hold_B" is listed with a checkbox and a "-- Remove" button.

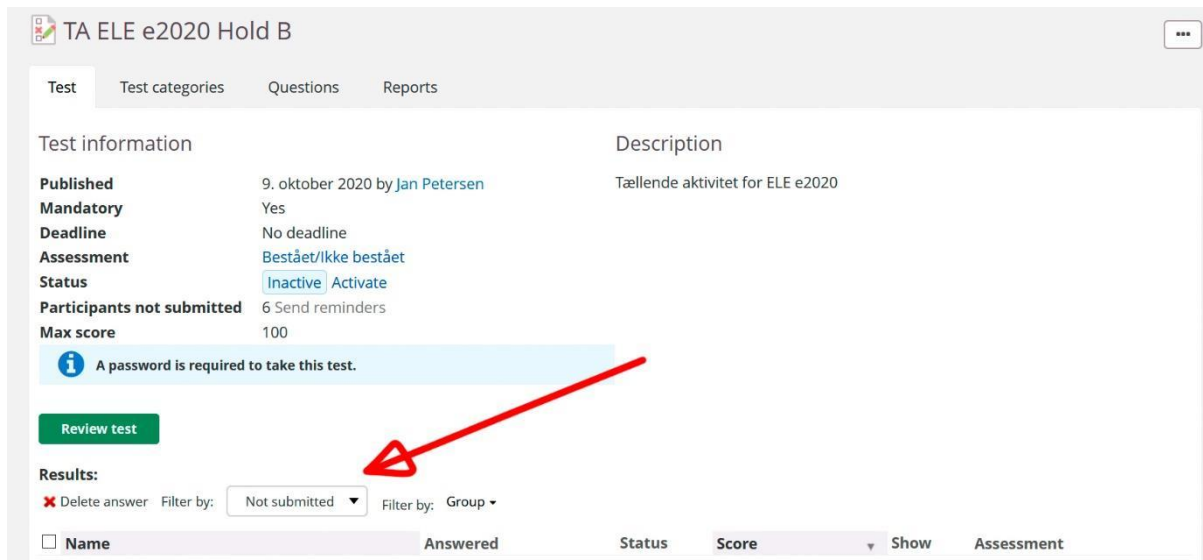
At the bottom, there are two buttons: "Save" (green) and "Cancel".

Testen er nu klar til at blive kørt i det specificerede tidsrum.

Kontrol af besvarelser under test

Under selve forløbet af en MCQ kan det være af interesse at følge klassen/den enkelte studerendes besvarelser løbende. Dette gøres på følgende måde:

Åben den aktuelle test og nederst på siden vælg "Not submitted" i boksen:



TA ELE e2020 Hold B

Test Test categories Questions Reports

Test information Description

Published 9. oktober 2020 by Jan Petersen Tællende aktivitet for ELE e2020

Mandatory Yes

Deadline No deadline

Assessment Bestået/ikke bestået

Status Inactive Activate

Participants not submitted 6 Send reminders

Max score 100

A password is required to take this test.

Review test

Results:

Delete answer Filter by: Not submitted Filter by: Group

Name Answered Status Score Show Assessment

Tryk på *Show* for den aktuelle studerende og vælg *Detailed results*. Her kan man se såvel korrekte som angivne svar:

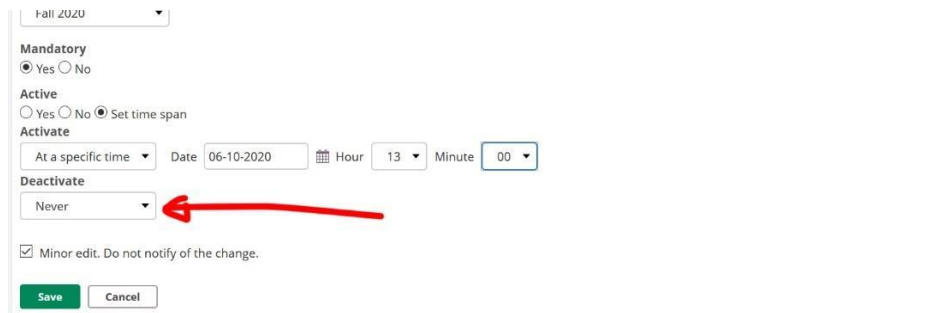
Score: 0,00 points of max. 100,00 Percentage score: 0,00%

Summary Detailed results

NO.	QUESTION	SUBMITTED ANSWER	TOTAL SCORE
1		<input type="radio"/> -6 A	Not assessed
		<input checked="" type="radio"/> 6 A	
		<input type="radio"/> 22 A	
		<input type="radio"/> -4 A	
		<input type="radio"/> 1,2 A	

Feedback til de studerende af resultater

Når underviseren ønsker, at de studerende skal se resultatet af deres test – de givne samt evt. de korrekte svar – skal testen stadig være aktiv:



Fall 2020

Mandatory
 Yes No

Active
 Yes No Set time span

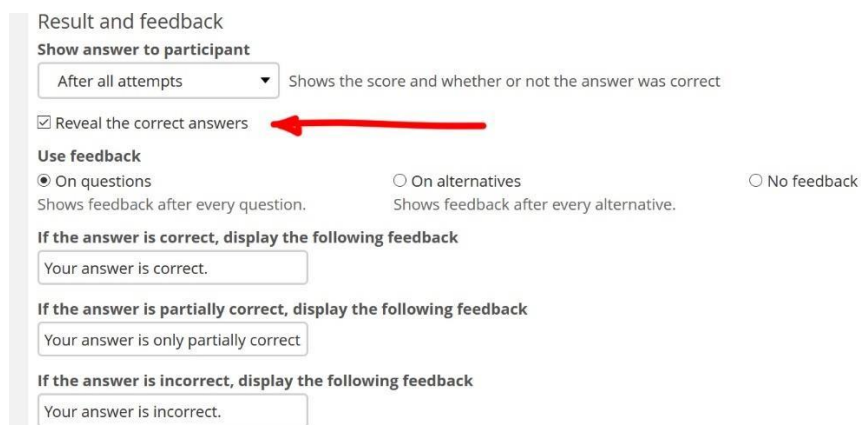
Activate
At a specific time Date: 06-10-2020 Hour: 13 Minute: 00

Deactivate
Never

Minor edit. Do not notify of the change.

Save Cancel

Desuden skal *Reveal the correct answers* være krydset af:



Result and feedback

Show answer to participant
After all attempts Shows the score and whether or not the answer was correct

Reveal the correct answers

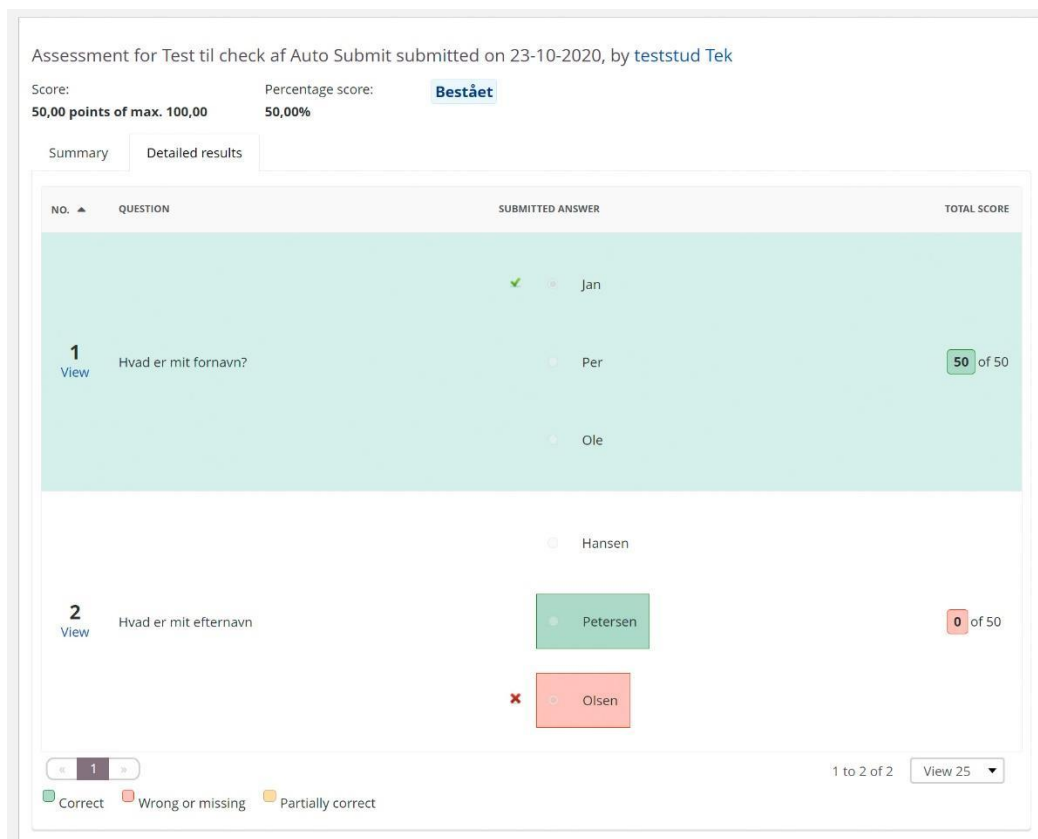
Use feedback
 On questions Shows feedback after every question.
 On alternatives Shows feedback after every alternative.
 No feedback

If the answer is correct, display the following feedback
Your answer is correct.

If the answer is partially correct, display the following feedback
Your answer is only partially correct

If the answer is incorrect, display the following feedback
Your answer is incorrect.

Så vil den studerende kunne se sine svar på en form som nedenstående:



Assessment for Test til check af Auto Submit submitted on 23-10-2020, by teststud Tek

Score: 50,00 points of max. 100,00 Percentage score: 50,00% **Bestået**

Summary Detailed results

No.	QUESTION	SUBMITTED ANSWER	TOTAL SCORE
1	Hvad er mit fornavn?	<input checked="" type="radio"/> Jan <input type="radio"/> Per <input type="radio"/> Ole	50 of 50
2	Hvad er mit efternavn?	<input type="radio"/> Hansen <input checked="" type="radio"/> Petersen <input checked="" type="radio"/> Olsen	0 of 50

1 to 2 of 2 View 25

Correct Wrong or missing Partially correct