E-Learning Unit
Deanship of Academic Affairs
College of Science



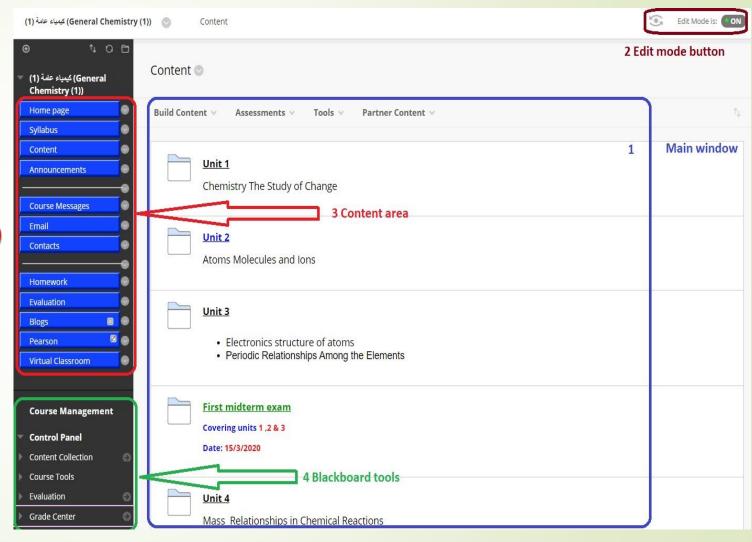
## Guidelines to prepare MCQ final exam on Blackboard

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- Working with pools
  - Creating new pools
  - Editing existing pools
  - Exporting pools
  - Importing pools
- Creating the exam
  - Adding new questions
    - Using "Set questions" type
  - Using questions from existing pools
- Deploying the exam
  - Create content area for the exam
  - Adding the exam

## Describing the Blackboard interface

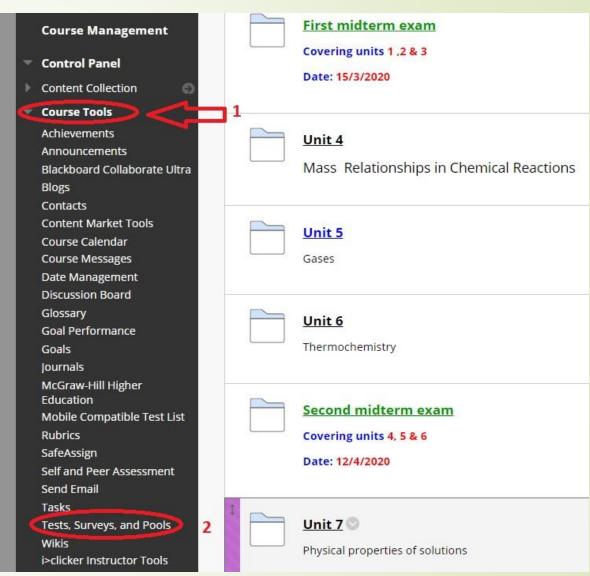
- 1. Main Window
  - **■** Top menu
    - Assessments
- 2. Edit mode button
  - **■** Mode ON
  - **■** Mode Off (students vue)
- 3. Content area
  - A link to our final exam must be added here
- 4. Blackboard tools
  - Course Tools
    - Survey, tests and pools



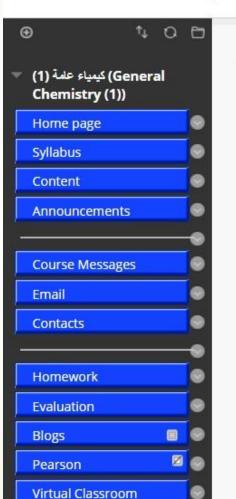
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#### From Course Tools menu choose:

"Tests, Surveys, and Pools" link



## From the Main Window choose: "Pools" link



(General Chemistry (1)) كيمياء عامة (1)

Tests, Surveys, and Pools

Tests, Surveys, and Pools

#### Tests

Tests are sets of questions that are graded to measure student performance. On test. Test results are reviewed in the Grade Center. Note that some question type:

#### Surveys

Surveys are not graded, and student responses are anonymous. They are useful to be deployed in a content folder for students to respond to the survey.



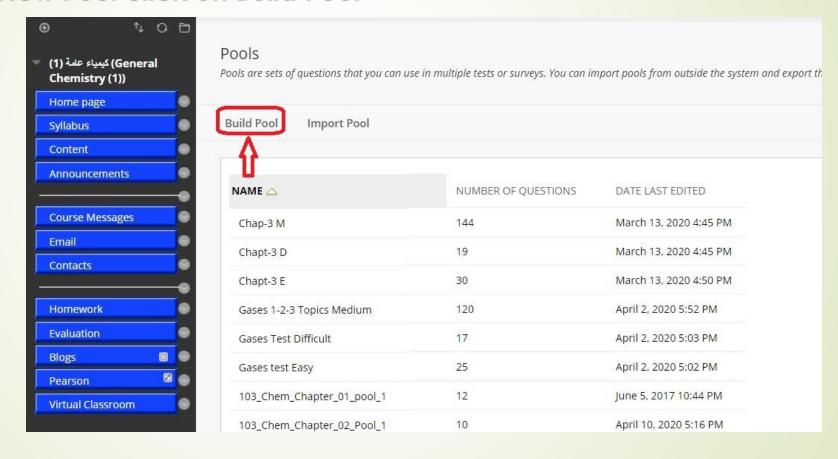
Pools are sets of questions that can be added to any Test or Survey. Pools are us

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#### In the Main Window will appear all your pools:

#### To create New Pool click on Build Pool



In the Main Window will appear the pool information

- Enter the pool name
- You can enter also any description or/and any instructions
- Then click on Submit

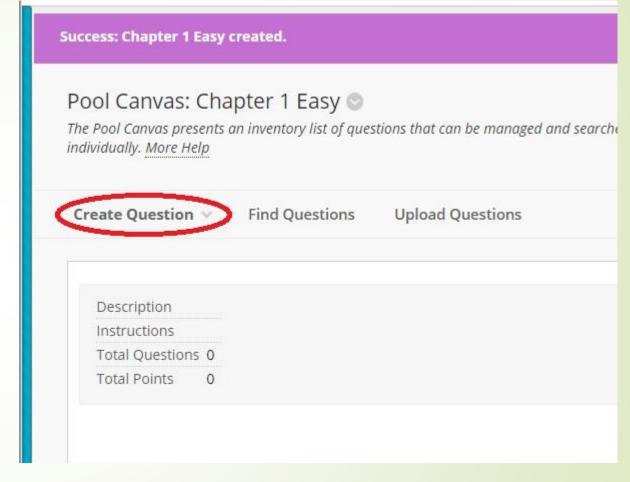


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In the Main Window will see that you successfully created your first pool but as you can see it's empty!

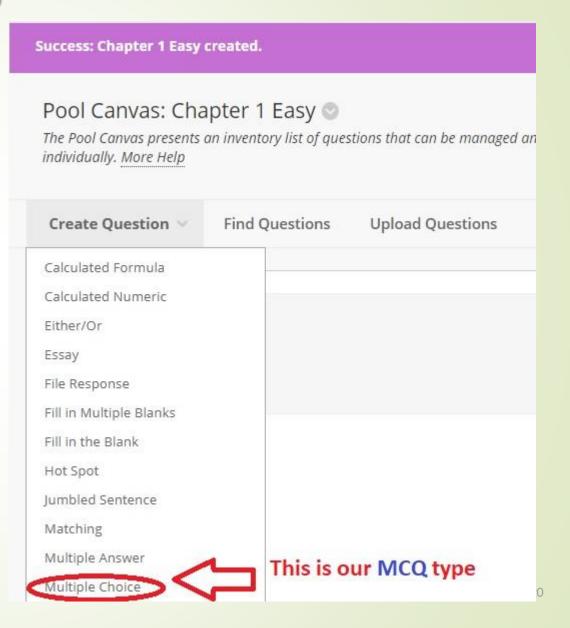
- ☐ We can create new question
- Or find existing questions
- Or upload questions

We will start by creating new question



By clicking on "Create question", all the type of questions will appear but you have only one choice for this final exam: Multiple Choice

Then click on it.



Create/Edit Multiple Choice Question

You must enter the

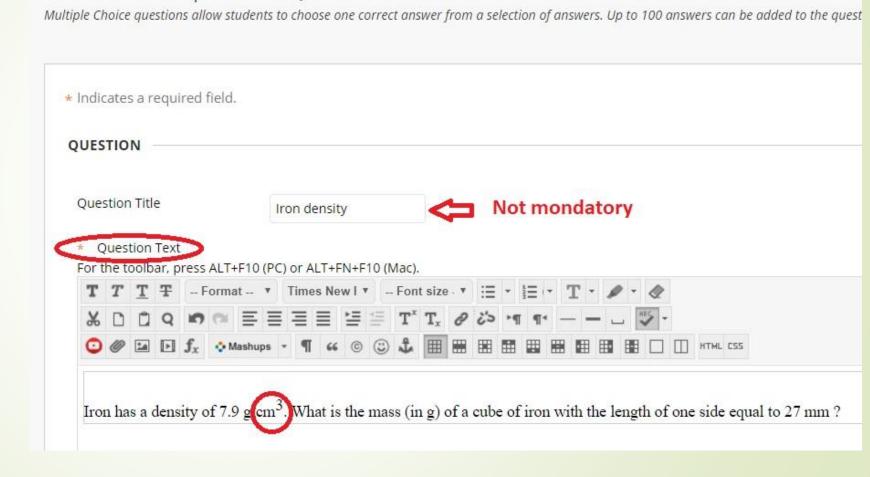
**Question Text** 

and you can omit the Question
Title

As you can see, many Formatting features are present in the editor.

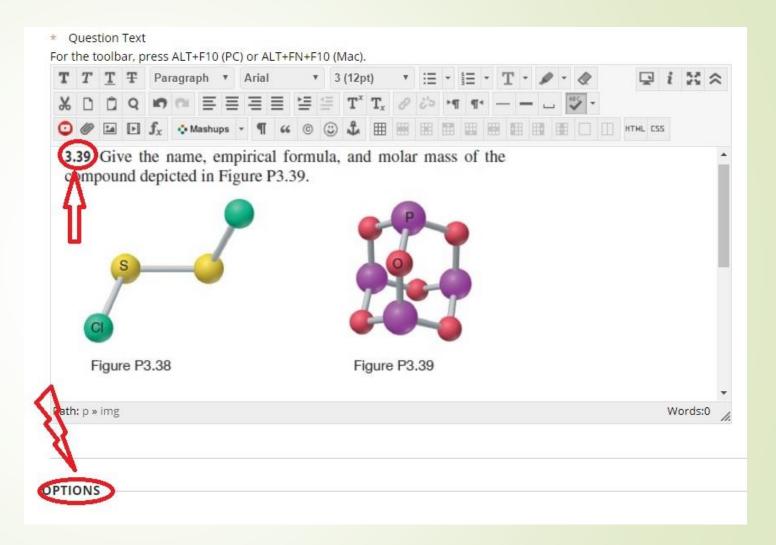
Your question is more complex to be egited by these features !!!!

**No Problem** 



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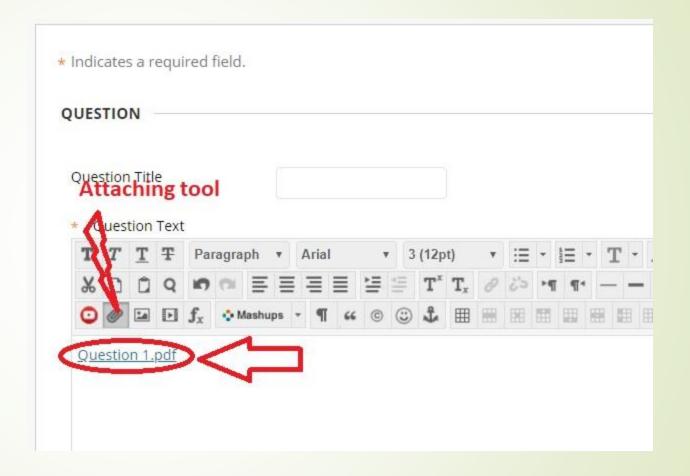
Take SnapShot in your pdf book and past it in Paint for any necessary editing or just save it as jpeg image and import it in the Question Text



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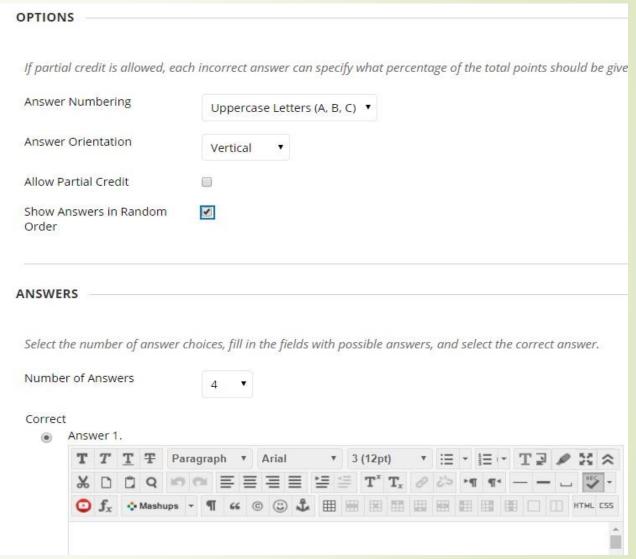
Or just attach your question as pdf file.

Once your question entered go down to select the Options



#### In the Options do the following:

- □ Choose Uppercase Letters
- And Vertical answer orientation
- If your final answer (answer 4) is not of the type "All the above" then Check the small square to randomize the answers.
- Enter answer 1 as correct answer and answers 2, 3 and 4 as false answers.



#### In the Options we can also:

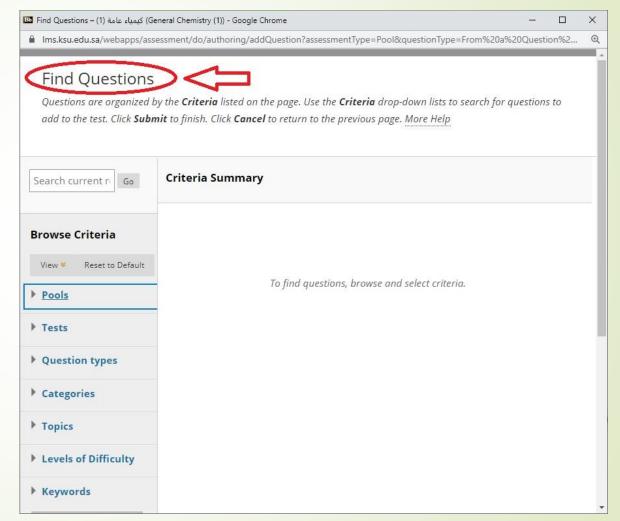
- Add feeedback for correct answer
- Add feeedback for incorrect answers
- Add Categories, Topics or Levels Difficulty

Then we click Submit



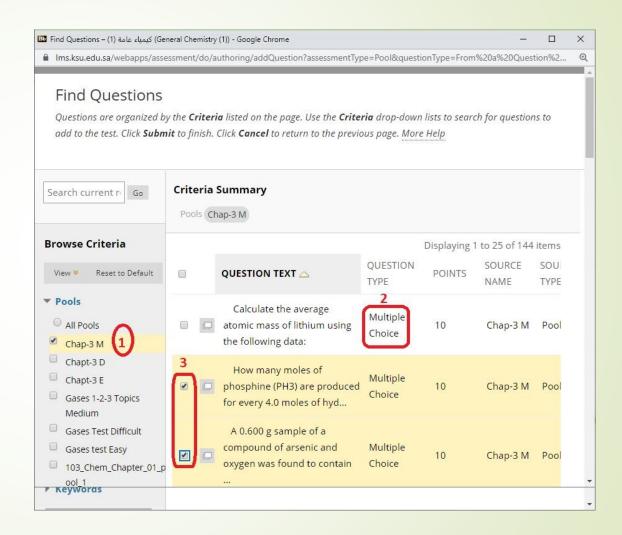
The second way to add questions is to find them in my:

- ☐ Existing Pools
- ☐ And Tests
- By using many filters:
  - Questions types
  - Topics
  - Levels of Difficulty



#### To find Questions:

- Select the Pool(s) where to search
- Add filters (for example Questions Type: MCQ)
- 3. Select your questions and submit

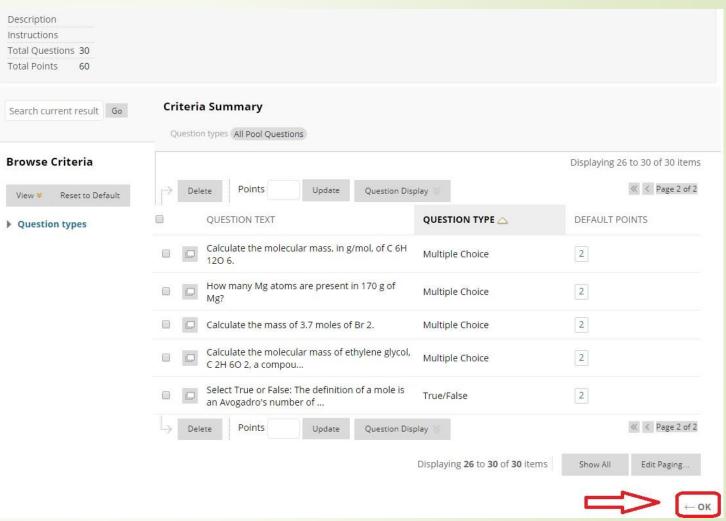


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Your pool is ready and you can (if necessary)

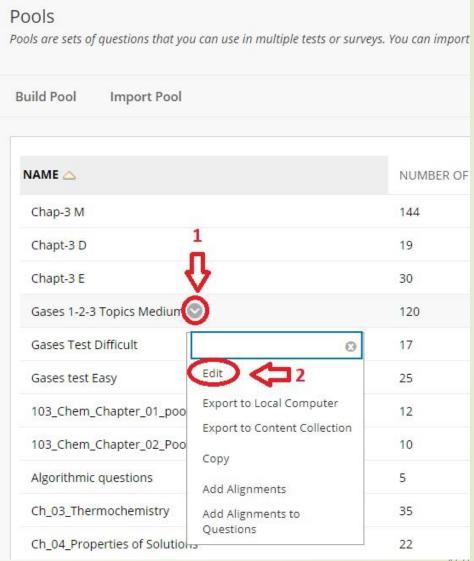
- Delete selected questions
- Update Points for selected questions

Once finished click on OK.



#### You can Edit any pool:

- 1. Click on the small arrow
- 2. Select Edit



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#### You can Export any pool:

- 1. Click on the small arrow
- 2. Select Export to Local

  Computer and share it by

  Email
- 3. Or Export it to your

  "Content Collection" and
  share its Link

Pools Pools are sets of questions that you can use in multiple tests or surveys. You can import **Build Pool** Import Pool NAME \_ NUMBER OF 144 Chap-3 M Chapt-3 D 19 Chapt-3 E 30 Gases 1-2-3 Topics Medium 120 Gases Test Difficult 17 Edit Gases test Easy 25 Export to Local Computer 103\_Chem\_Chapter\_01\_poo Export to Content Collection 10 103\_Chem\_Chapter\_02\_Poo Copy 5 Algorithmic questions Add Alignments Ch\_03\_Thermochemistry 35 Add Alignments to Questions Ch\_04\_Properties of Solutions 22

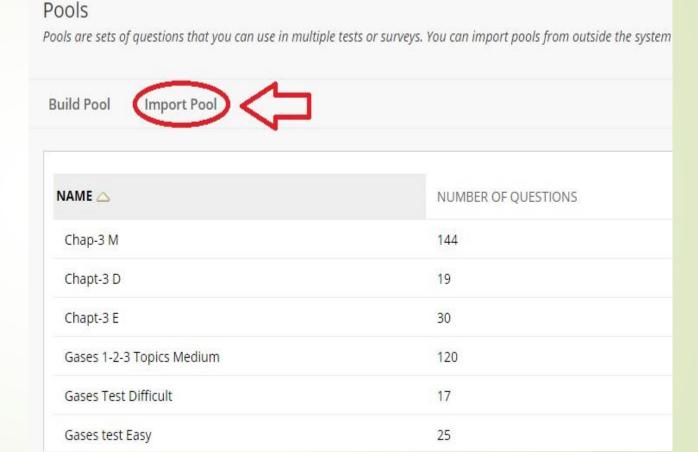
#### When you Export any pool:

- Don't open it: Just save it as single
   ZIP file.
- If you are using macOS and you get problems with import/export pool then use Windows system.

#### You can Import any pool:

- 1. Click on Import Pool.
- 2. Then Browse your

  Computer to find the pool and attach it.
  - 3. Then Submit.



#### How many pools must be created?

- At least one by Chapter.
   In this case the level of difficulty must be indicated for each question created.
- 2. The Best choice is 3 x Number of chapters
  - 1. Chapter X Easy (X = 1, 2, 3, ....)
  - 2. Chapter X Medium
  - 3. Chapter X Difficult

#### To create the exam:

1. Click on Tests

#### Tests, Surveys, and Pools

#### Tests



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#### Surveys

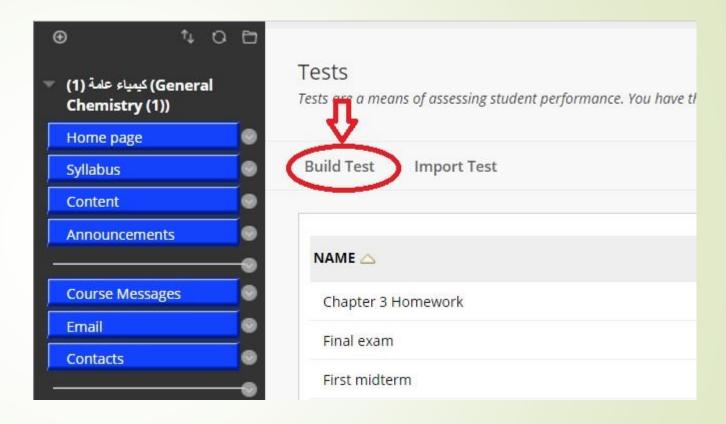
Surveys are not graded, and student responses are anonymous. They are usef be deployed in a content folder for students to respond to the survey.

#### Pools

Pools are sets of questions that can be added to any Test or Survey. Pools are

#### To create the exam:

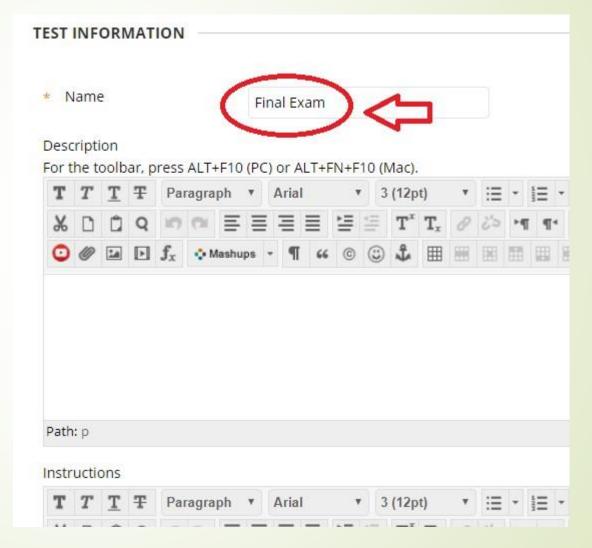
2. Click on Build Test



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#### To create the exam:

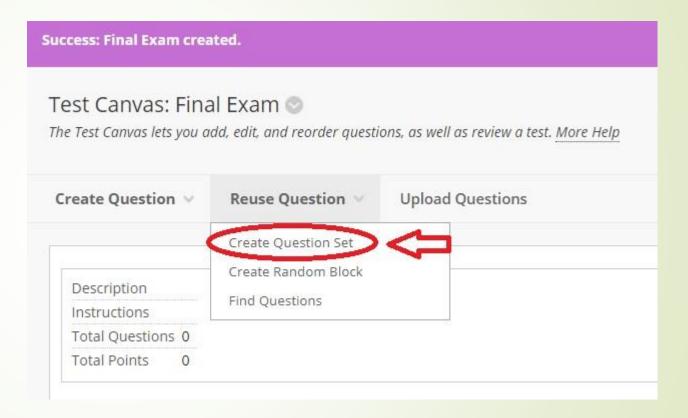
- 3. Enter the Name of your Test
- 4. And any Description and/or Instructions
- 5. Then submit



#### To create the exam:

6. From Reuse Question select:

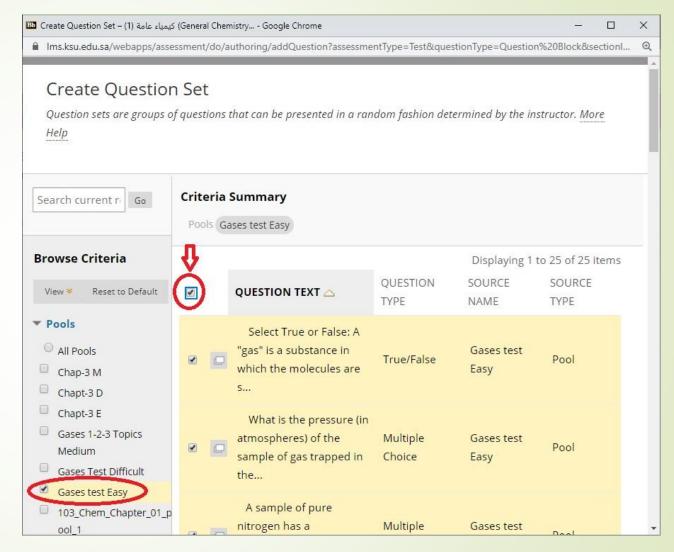
"Create Question Set"



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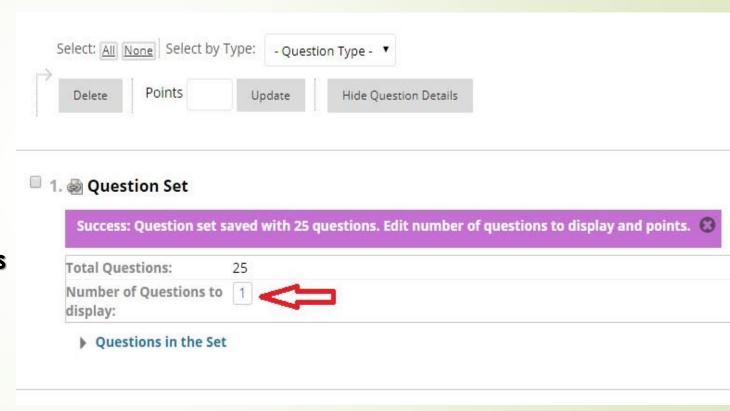
#### To create the exam:

- 7. Select the Pool
- 8. Check the small box in the top to select all questions
- Click on Submit in the Right Down Corner



#### To create the exam:

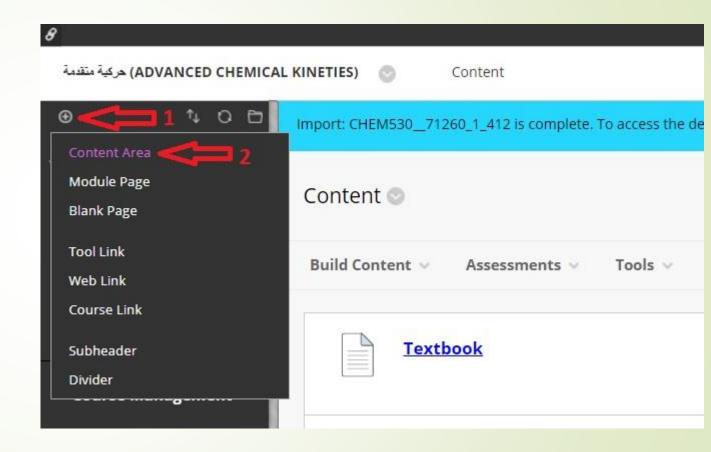
- 10. Edit the Number of
  Questions to display
  randomly from the 25
  questions
- 11. Repeat all the previous steps (from 6 to 10) to add other Question Set
- 12. Click on OK in the Right
  Down Corner



To make the exam available to students, we must deploy it:

- 1. Click on the small +
- 2. And choose

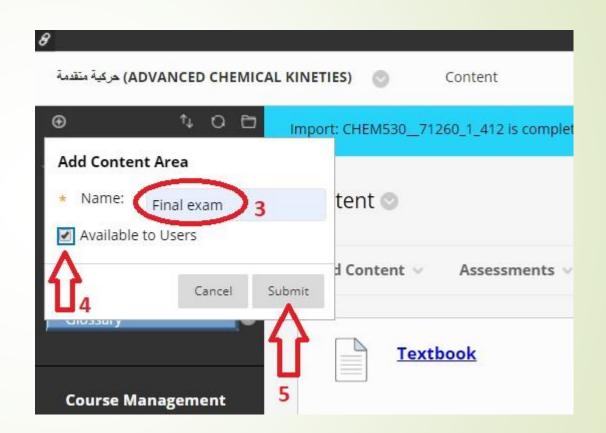
**Content Area** 



- 3. Enter the name
- 4. And check the small box

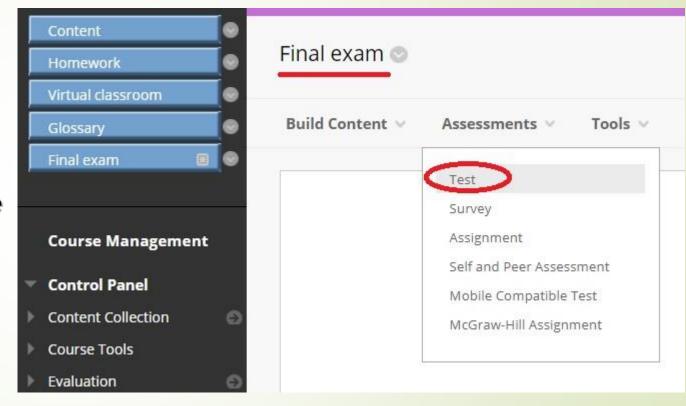
**Available to Users** 

5. Click Submit



- 6. Click on content area created
- 7. And from Assessment choose

Test



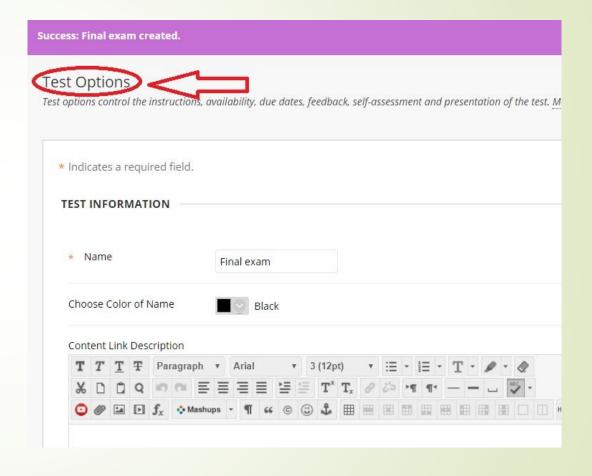
- 8. Choose Final Exam from the list.
- 9. And click Submit



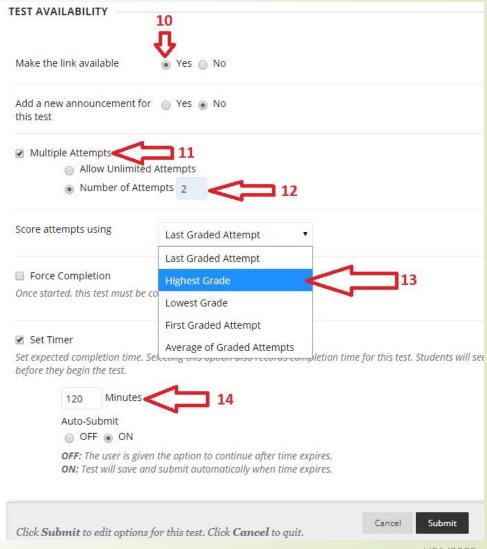
Our Final Exam is successfully created.

Now we must edit

Test Options according to the College directives



- 10. Choose Yes to make the link available.
- 11. Check Multiple Attempts
- 12. Enter 2 for the number of Attempts
- 13. Choose the Highest Grade
- 14. Set Timer to the allowed time and make



Then <u>be sure</u> to check

"Include this Test in Grade

Center score calculations"

#### SELF-ASSESSMENT OPTIONS

If this test is a self-assessment, choose to include or hide the scores in the Grade Cente after it was hidden, all prior attempts will be deleted.

nclude this Test in Grade Center score calculations

Grade Center items excluded from summary calculations are also excluded from weighting are included in calculations and other weighted items are not, grade weight calculations w

☐ Hide results for this test completely from the instructor and the Grade Center

If this option is selected, the instructor will not be able to see any student grades, view answersult details. To protect student privacy, this choice cannot be reversed later without delet

#### At the end we must:

Choose

One at a Time

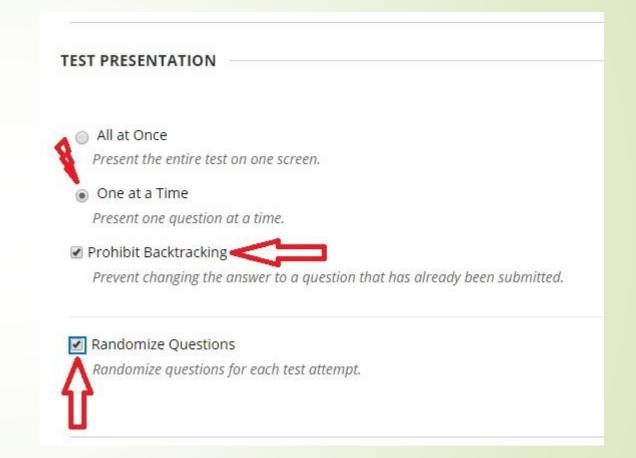
And check

**Prohibit Backtracking** 

And check

**Randomize Questions** 

Then we click Submit



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# Thank you very much for your attention

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