



YouTestMe

How to Use Custom Question Properties
for Reporting

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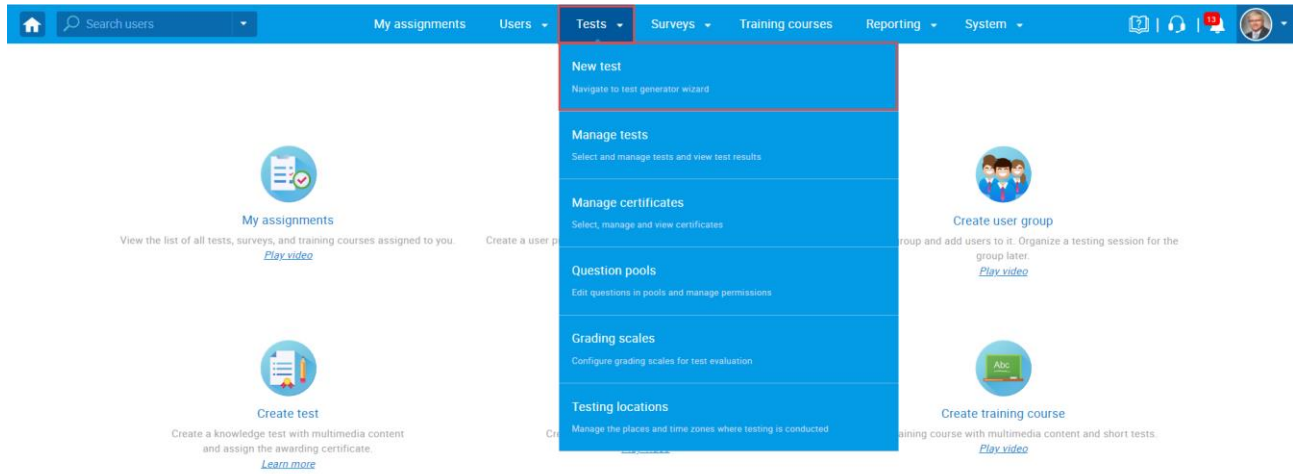
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1 Introduction

This article explains how to use custom question properties for reporting and passing criteria purposes.

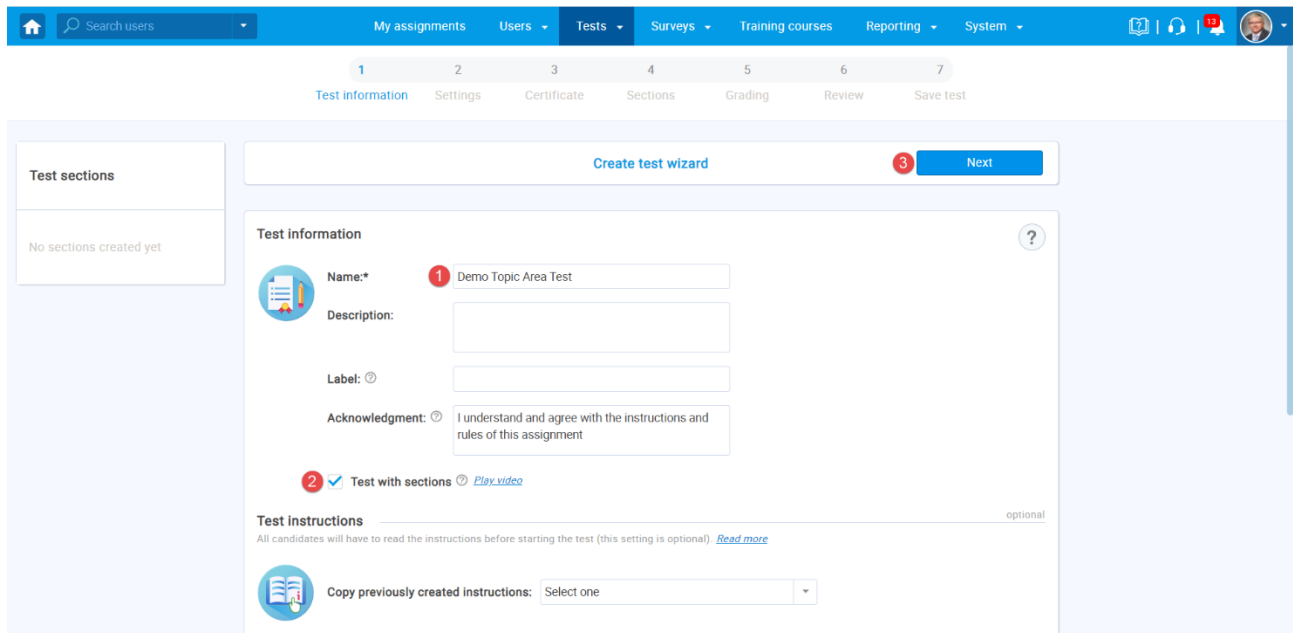
1.1 Creating a New Test

To create a new test, navigate to the “Tests” and select “New test”.



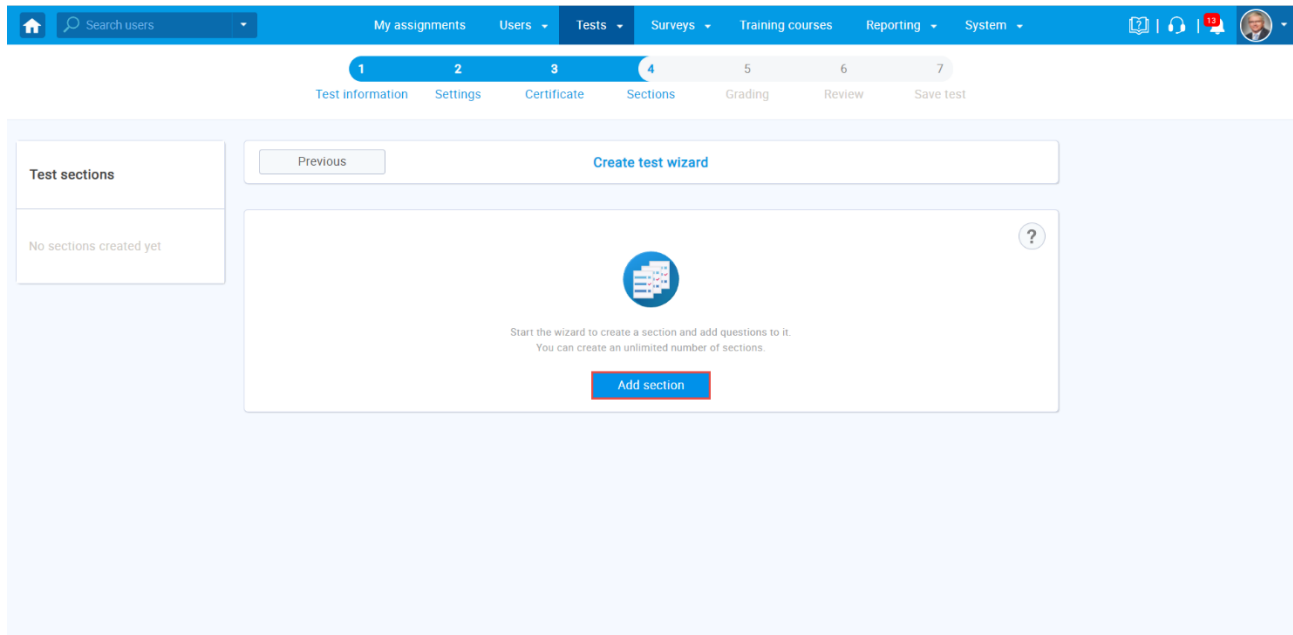
In the first step of test creation wizard – Test information, you should:

1. Enter the name of the test.
2. Tick the “Test with sections” checkbox.
3. Click the “Next” button.



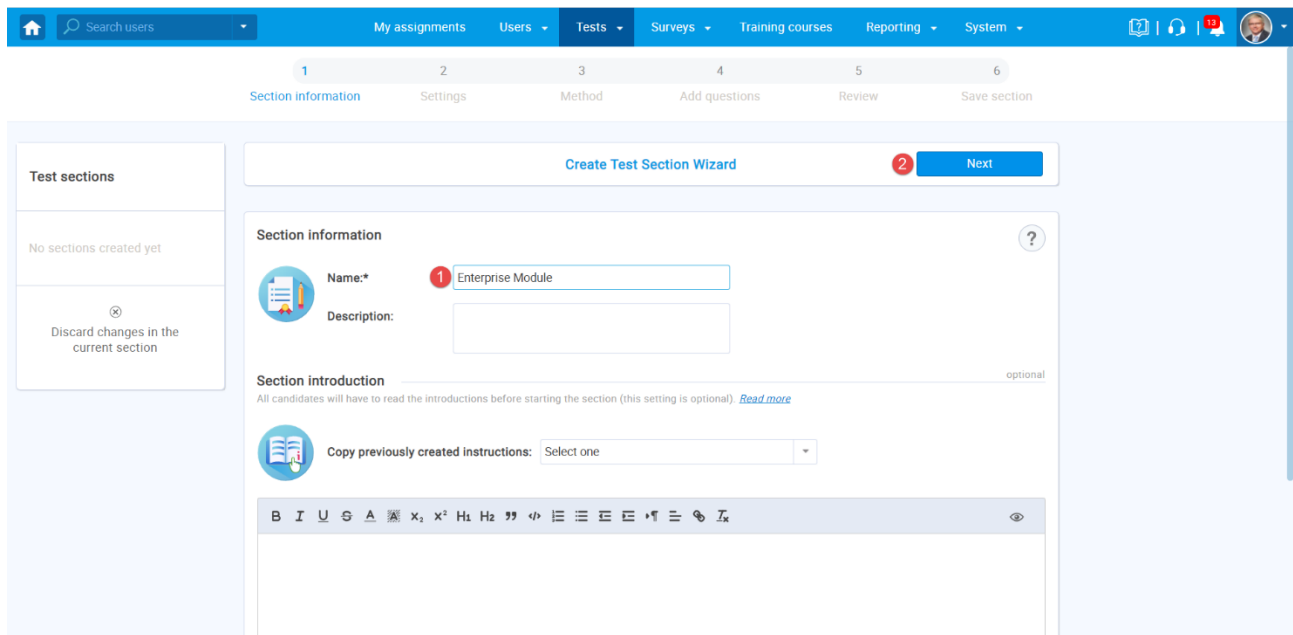
1.1.1 Creating a New Section

In the fourth step of the test creation wizard – Sections, you should click on the “Add section” button.



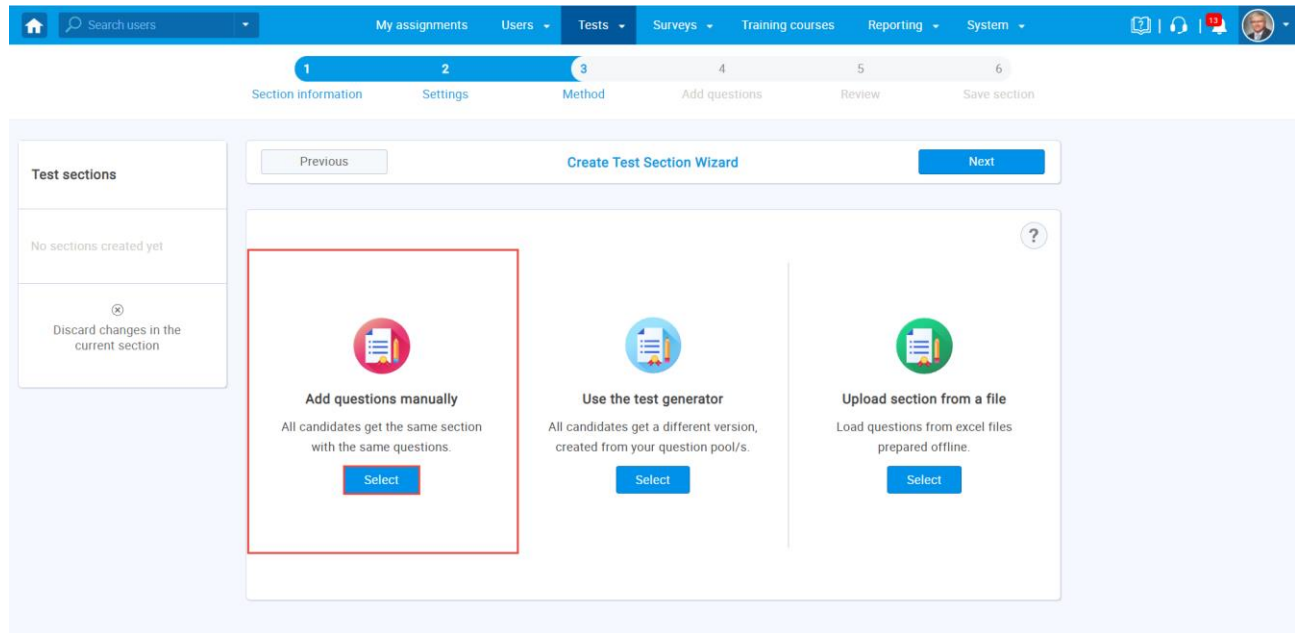
In the first step of section creation wizard – Section information, you should:

1. Enter the name of the section.
2. Click the “Next” button.

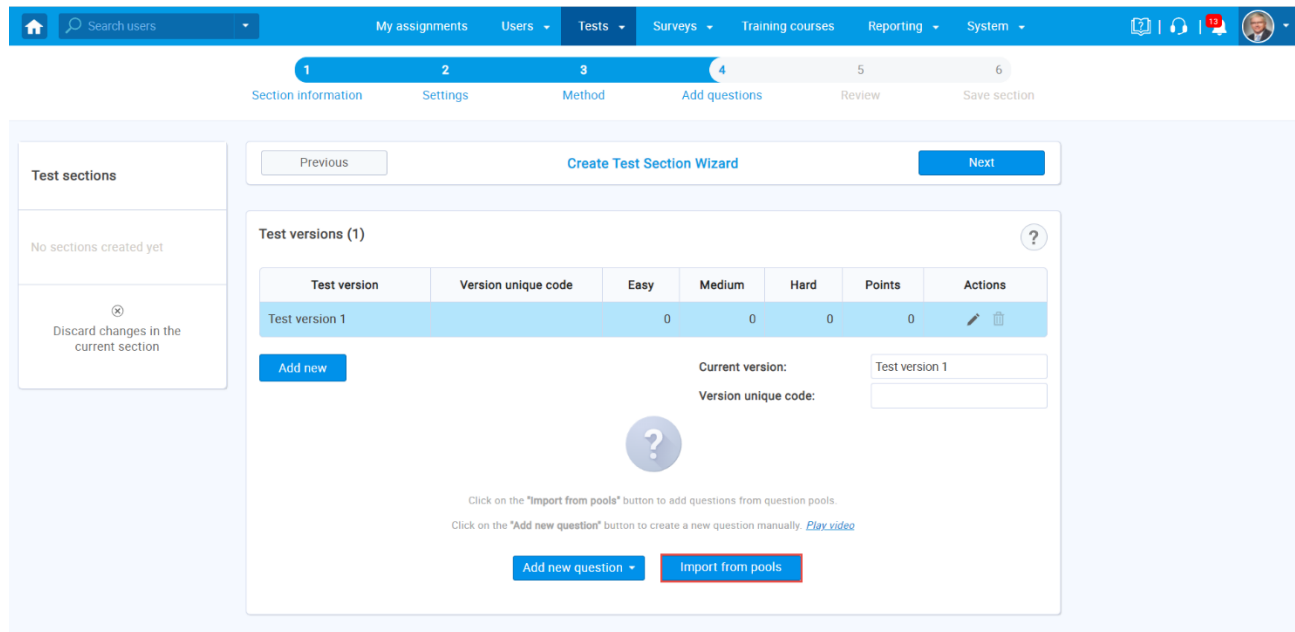


1.1.2 Importing Questions

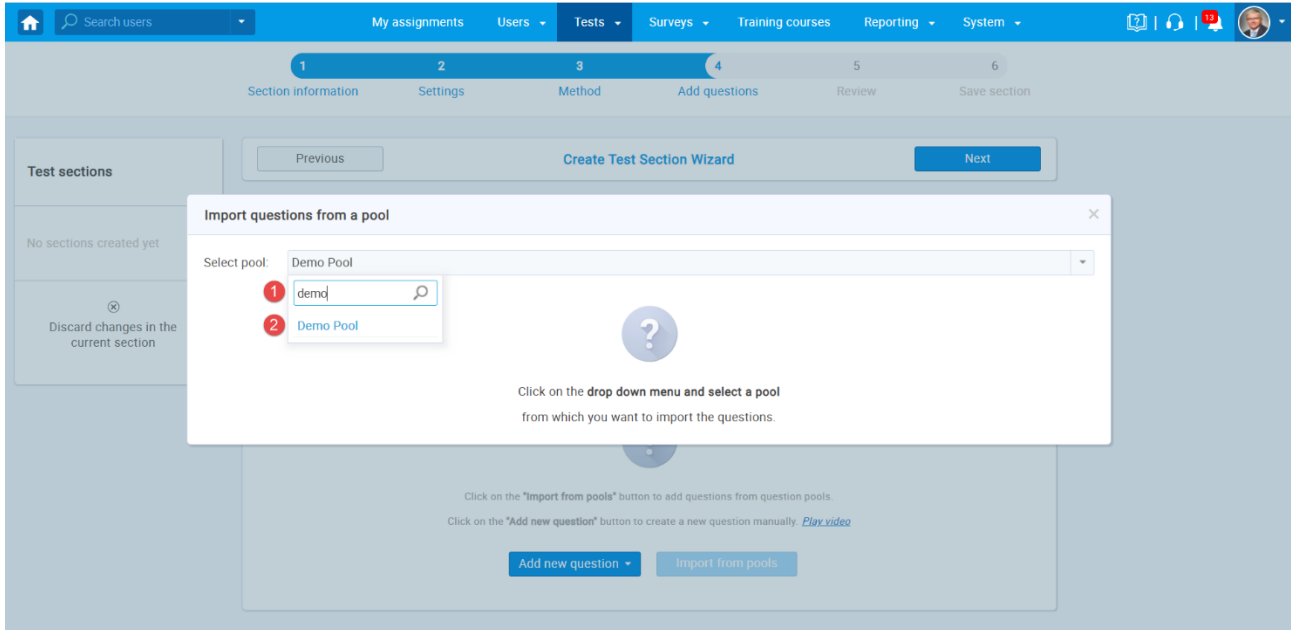
In the third step of the section creation wizard, select the “Add questions manually” method.



Click on the “Import from pools” button.

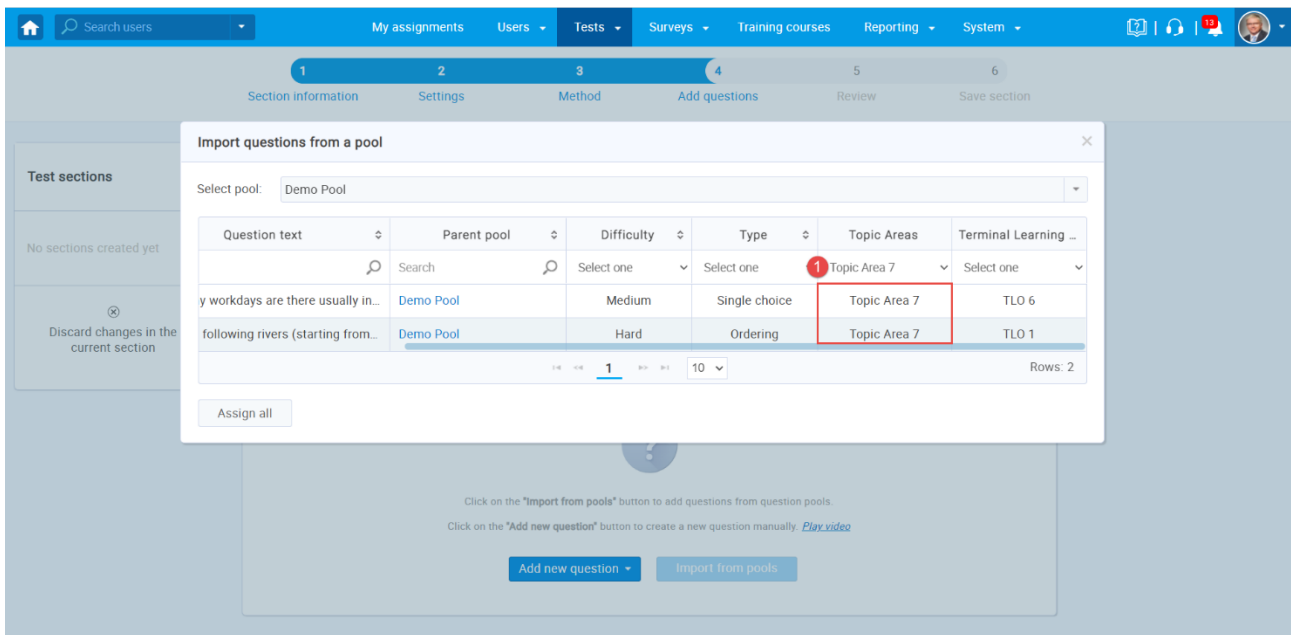


1. Use a search bar to find a pool.
2. Select the pool name.



Once you choose a pool, you can:

1. Filter the questions by Topic Areas.
2. Preview the question.
3. Import a single question from the selected pool.
4. Import all questions from the selected pool.



Import questions from a pool

Select pool: Demo Pool

#	Actions	ID	Question text	Parent pool	Difficulty	Type
			Search	Search	Select one	Select one
1		14704	How many workdays are there usually in...	Demo Pool	Medium	Single choice
2		14705	Order the following rivers (starting from...	Demo Pool	Hard	Ordering

1 10 Rows: 2

4 Assign all

Click on the "Import from pools" button to add questions from question pools.
Click on the "Add new question" button to create a new question manually. [Play video](#)

Add new question Import from pools

1.1.3 Grading Configuration

In the Grading step of test creation wizard, you should:

1. Specify the percentage required to pass the test.
2. Select one of the previously created grading scales.
3. Click on the “Create question property” report button.

Grading configuration

To pass the test, a candidate has to (all of the below):
- Achieve more than 73% on the entire test.

Define pass mark for entire test (required)

Set passing mark: Percentage Points

Passing mark: 1 59 points / 73%

Make the passing mark inclusive

Map score to a grading scale (optional)

Grading scale: 2 Total Test 800 Scale

Define passing marks for sections (optional)

#	Section	Passing required	Passing mark	Inclusive passing mark	Grading scale	Edit
1	Enterprise Module Pools Demo Pool	No	0%	No	-	
2	Technique Module Pools Demo Pool	No	0%	No	-	
3	Trade Module Pools Demo Pool	No	0%	No	-	

Rows: 3

Section groups (optional)

No section group created

Rows: 0

Question pools report setup (optional)

#	Pool name	Passing mark	Edit
1	Demo Pool	0%	

Rows: 1

Question property reports (optional)

3 Create question property report

#	Name	Passing mark	Actions
No section group created			

Rows: 0

The new window will appear where you should:

1. Enter the “Analysis” in the “Name” field.
2. Define the passing mark for this group.
3. Select “Inclusive passing mark” to allow students to pass the test if they gain a score equal to or higher than the passing mark.
4. Select “Passing required” to make the passing of this group mandatory for passing the test as a whole.
5. Select one of the previously created grading scales.
6. Select the “Topic Areas” for “Question property”.
7. Select all “Topic Areas” that should belong to the “Analysis” group.
8. Click the “Save” button.

Create question property report
✕

Name:* 1

Description:

Passing mark:* 2

Inclusive passing mark 3

Passing required 4

Grading scales: 5

Question property:* 6

Select the question property values that define the question's inclusion in the question property report. If the value of the question property is any of the selected values, the question is included in the question property report.

<input type="checkbox"/>	#	Question property values
<input type="checkbox"/>	1	Topic Area 1
<input type="checkbox"/>	2	Topic Area 2
<input checked="" type="checkbox"/>	3	Topic Area 3 7
<input checked="" type="checkbox"/>	4	Topic Area 4
<input checked="" type="checkbox"/>	5	Topic Area 5
<input checked="" type="checkbox"/>	6	Topic Area 6
<input checked="" type="checkbox"/>	7	Topic Area 7
<input checked="" type="checkbox"/>	8	Topic Area 8

⏪ << 1 >> ⏩

Rows: 8

8

To create a group that is not passing required but serves for a simple overview of a candidate's knowledge on a specific category, you should:

1. Enter the "Calculated-IE" in the "Name" field.
2. Select the "Topic Areas" for "Question property".
3. Select all "Topic Areas" that should belong to the "Calculated-IE" group.
4. Click the "Save" button.

Note: Repeat the same steps for other groups.

Create question property report
×

Name:* 1

Description:

Passing mark:* ? ▲ ▼

Inclusive passing mark ?

Passing required ?

Grading scales: ▼

Question property:* ? 2 ▼

Select the question property values that define the question's inclusion in the question property report. If the value of the question property is any of the selected values, the question is included in the question property report.

<input type="checkbox"/>	#	Question property values	↕
<input checked="" type="checkbox"/>	1	Topic Area 1	3
<input checked="" type="checkbox"/>	2	Topic Area 2	
<input type="checkbox"/>	3	Topic Area 3	
<input type="checkbox"/>	4	Topic Area 4	
<input type="checkbox"/>	5	Topic Area 5	
<input type="checkbox"/>	6	Topic Area 6	
<input checked="" type="checkbox"/>	7	Topic Area 7	
<input checked="" type="checkbox"/>	8	Topic Area 8	

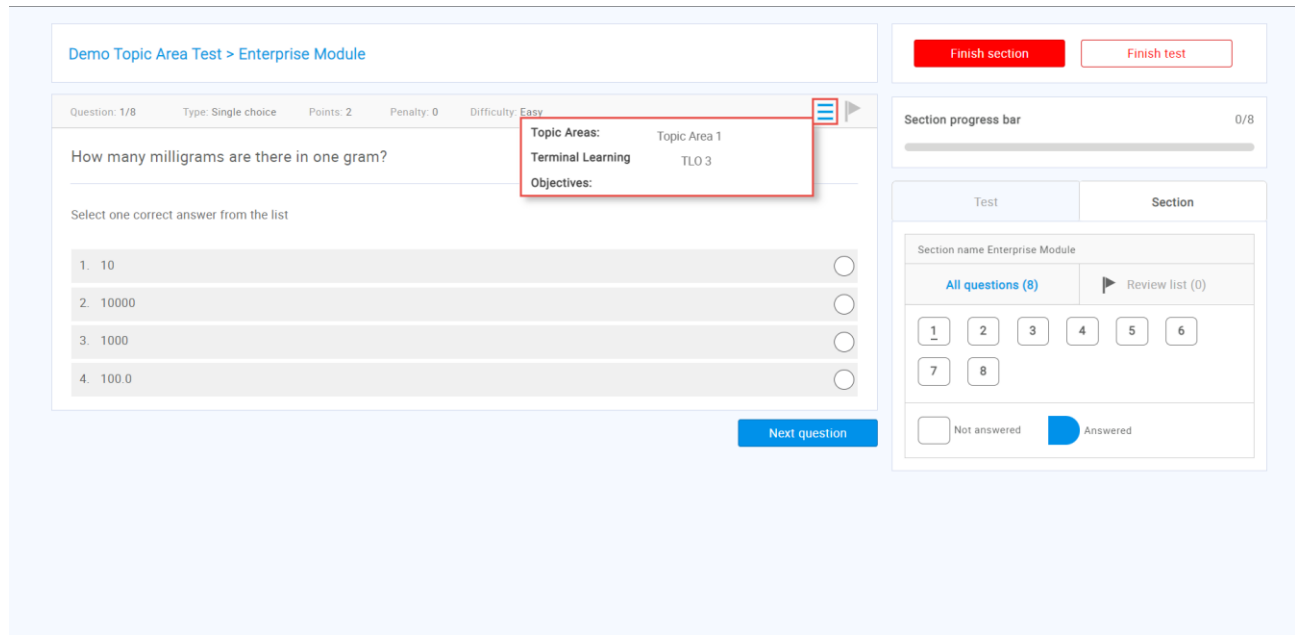
⏪ << >> ⏩ 1 Rows: 8

4

1.2 Candidate's perspective

1.2.1 Test-taking

If “show question metadata” options are selected, candidates will be able to preview the question properties in test-taking.



The screenshot displays a test-taking interface for a "Demo Topic Area Test > Enterprise Module". The question is "How many milligrams are there in one gram?" and is a single-choice question worth 2 points with a difficulty of "Easy". A metadata popup is visible, showing "Topic Areas: Topic Area 1", "Terminal Learning: TLO 3", and "Objectives:". The question options are: 1. 10, 2. 10000, 3. 1000, and 4. 100.0. The interface includes a "Next question" button and a "Section progress bar" showing 0/8. The right sidebar shows "Finish section" and "Finish test" buttons, a "Section progress bar", and a "Test" / "Section" toggle. The "Section" tab is active, showing "Section name Enterprise Module", "All questions (8)", and "Review list (0)". A grid of question numbers (1-8) is visible, with question 1 selected. A legend at the bottom indicates "Not answered" (white) and "Answered" (blue).

1.2.2 Personal Report

In the personal report the candidates received after test-taking, they can:

1. See the final score.
2. See the score on “Question property reports”.
3. Click on the “Export” button, and select “Score report-Question property reports”.

Note: The “Score report – Question property reports” will be available only if at least one “passing required” question property report group is created.

Mary Robinson (student)
Personal report

Test name: Demo Topic Area Test
Label:
Started: Dec-09-2021 06:00 PM EST
Finished: Dec-09-2021 06:02 PM EST
Time spent: 00:02:16

Score: 72.5%
Grade: 640
Result: **Failed**

Verification date: Not verified

Test sections
Please select the test section in order to view the questions

Test section	Score	Status
Enterprise Module	70.59%	Passed
Technique Module	73.91%	Passed
Trade Module	73.91%	Passed

Question property reports

Group name	Passing mark	Score	Status
IE-Module Part 1	> 0.00%	73.33%	Passed
Analysis	≥ 71.00%	72.31%	Passed
Calculated-IE	> 0.00%	70.59%	Passed
A-Tradecraft Module	> 0.00%	73.91%	Passed
IE-Module Part 2	> 0.00%	68.42%	Passed
A-Technique Module	> 0.00%	73.91%	Passed

Section 'Enterprise Module' - Question pools

Question pool	Passing mark	Score	Status
Demo Pool	0%	70.59% (24/34 points) 8 correct, 0 incorrect, 0 skipped questions	Passed

Section 'Enterprise Module' - Questions
Test version: Test version 1

Question: 1 of 8 Type: Single choice Points: 2 Penalty: 0 Difficulty: Easy Question pool: Demo Pool

How many milligrams are there in one gram?

Answers:

1. 10
2. 10000
3. 1000
4. 100.0

Correct Points achieved: 2

Question: 2 of 8 Type: True/False Points: 4 Penalty: 0 Difficulty: Medium Question pool: Demo Pool

If you pass the second person in a race you take the first place.

Answers:

1. True
2. False

Correct Points achieved: 4

Question: 3 of 8 Type: Matching Points: 4 Penalty: 0 Difficulty: Medium Question pool: Demo Pool

Match the following.

1.2.3 Score Report

The downloaded score report will contain all information and statistic based on Topic Areas.

Mary Robinson

The test addresses content associated with the 8 topic areas

Topic Area 1: Topic Area 1
Topic Area 2: Topic Area 2
Topic Area 3: Topic Area 3
Topic Area 4: Topic Area 4
Topic Area 5: Topic Area 5
Topic Area 6: Topic Area 6
Topic Area 7: Topic Area 7
Topic Area 8: Topic Area 8

To pass the test, a candidate must meet or exceed: (1) a predefined passing score for the "total test", and (2) a predefined score (cut-score) for the "analysis section" of the test (that covers topic areas Topic Area 3, Topic Area 4, Topic Area 5, Topic Area 6, Topic Area 7 and Topic Area 8).

To provide candidates meaningful feedback regarding their performance on the assessment, the program provides candidates a score report divided into two sections.

Section 1 provides candidates information regarding their test performance compared to the "total test" and the "analysis section" passing scores. The scores provided are scaled scores (100-800). A scaled score is the total number of correctly answered questions (raw score) converted into consistent and standardized scale. For the "total test", the converted raw passing score is 650 on a scale of 100 to 800. Similarly, the converted raw passing score for the "analysis section" of the test is 650 on a scale of 100 to 800. The program uses scaled scores not only to provide candidates more meaningful information, but also to ensure that scores from one form of the test are equivalent to those from another form of the test. This ensures that the meaning of a score from a different form of a test would indicate the same level of performance no matter which form a candidate receives.

SECTION 1	TOTAL TEST	ANALYSIS SECTION
Your Score	640 (72.5%)	658 (72.31%)
Performance Threshold	650 (73.0%)	658 (71.00%)
Your "Section" Result	Does Not Meet Requirement	Meets Requirement
Your Final Result	Does Not Meet Requirement	

1.3 Report Builder

To preview the report, you should select the options from the list that will be featured as a column in the report table.

To preview the custom property report for created groups in this test, you should select the options stored under “Custom property report columns”.

The screenshot shows the 'Report columns' configuration page in the Youtestme application. The interface includes a top navigation bar with tabs for 'My assignments', 'Users', 'Tests', 'Surveys', 'Training courses', 'Reporting', and 'System'. The main content area is titled 'Report columns' and contains several columns of checkboxes for selecting report features. A 'Custom property report columns' panel on the right is highlighted with a red border, showing selected options: Points, Total points, Passed, and Grade.

User columns	Session columns	Test columns	Test section columns	Question columns	Pool columns	Custom property report columns
<input type="checkbox"/> ID	<input type="checkbox"/> ID	<input type="checkbox"/> ID	<input type="checkbox"/> Points	<input type="checkbox"/> ID	<input type="checkbox"/> Points	<input checked="" type="checkbox"/> Points
<input type="checkbox"/> External ID	<input type="checkbox"/> Name	<input type="checkbox"/> External ID	<input type="checkbox"/> Total points	<input type="checkbox"/> External ID	<input type="checkbox"/> Total points	<input checked="" type="checkbox"/> Total points
<input checked="" type="checkbox"/> Username		<input type="checkbox"/> Name	<input type="checkbox"/> Score (%)	<input type="checkbox"/> Text	<input type="checkbox"/> Score (%)	<input type="checkbox"/> Score (%)
<input type="checkbox"/> Employee ID		<input type="checkbox"/> Version	<input type="checkbox"/> Grade	<input type="checkbox"/> Type	<input type="checkbox"/> Passed	<input checked="" type="checkbox"/> Passed
<input type="checkbox"/> First name		<input type="checkbox"/> Version ID	<input type="checkbox"/> Passed	<input type="checkbox"/> Correct answer		<input checked="" type="checkbox"/> Grade
<input type="checkbox"/> Last name		<input type="checkbox"/> Archived		<input type="checkbox"/> Answered		
<input type="checkbox"/> Middle name		<input type="checkbox"/> Archivation date		<input type="checkbox"/> Points		
<input type="checkbox"/> Email		<input type="checkbox"/> Result verified		<input type="checkbox"/> Total points		
<input type="checkbox"/> Date of birth		<input type="checkbox"/> Verification date		<input type="checkbox"/> Time to answer		
<input type="checkbox"/> Gender		<input type="checkbox"/> Started		<input type="checkbox"/> Question pool		
<input type="checkbox"/> Phone number		<input checked="" type="checkbox"/> Finished		<input type="checkbox"/> Topic Areas		
<input type="checkbox"/> Affiliation		<input checked="" type="checkbox"/> Time spent		<input type="checkbox"/> Terminal Learning Objectives		
<input type="checkbox"/> Street						
<input type="checkbox"/> City						
<input type="checkbox"/> State						

Once you click on “Display report,” you will:

1. See the report based on previously selected options.
2. Download the report in Excel format.

Username	Session name	Test finished	Test time spent	Test points	Test total points	Test grade	Test passed	Analysis points
student	s	Dec-09-2021 06:02 ...	00:02:00	58	80	640	No	47

The exported excel file will look the same as per your specification.

Test points	Test total points	Test grade	Test passed	Analysis points	Analysis total points	Analysis passed	Analysis grade	Calculated-IE points	Calculated-IE total points	Calculated-IE passed	Calculated-IE grade	A-Technique Module points	A-Technique Module total points	A-Technique Module passed	A-Technique Module grade	A-Tradecraft Module points	A-Tradecraft Module total points	A-Tradecraft Module passed	A-Tradecraft Module grade	IE-Module Part 1 points	IE-Module Part 1 total points	IE-Module Part 1 passed	IE-Module Part 1 grade	IE-Module Part 2 points	IE-Module Part 2 total points	IE-Module Part 2 passed
58	80	640	No	47	65	Yes	658	24	34	Yes		17	23	Yes		17	23	Yes		11	15	Yes		13	19	Yes