

SCOMR Software Manual

Program Definition:

SCOMR program is specialized in analyzing answers and inserting data from all kinds of correction devices of international companies such as Scantron, Sekonic, Nanhao and Apperson.

1. Login page:

It contains your username and password with the ability to access to data saved.

2.Home page:

It contains the customer logo in addition to choosing the period to work on and the subject that is corrected and updating the current page as well as correcting the current test and issuing number and ways to communicate with us •

3. Settings page:

The settings screen is the mainstay of the program and therefore the papers are corrected according to the device type, answer form definition settings, and related reports and settings for the form.

4.Periods and tests:

A- Through which tests are sorted according to the periods of tests and divisions of the trainees so that it is easy to return to previous tests easily and easily and the screen is divided into two parts:

Basic test information includes date, period and period code.

B- The type of the test and related materials include test information, material information as well as the information required to appear in the reporting.

5.Applicants' names:

This screen is specialized in inserting applicant's data as excel file in many different ways, so that the user gets benefit from it by knowing the information and details of the applicants and through the screen editing and adding records can be done manually.

6.Read the answer sheets :

This screen is specialized in scanning forms according to the device identified by the program.

7.Typical papers:

Typical answers are the basis of the test, through which grades are distributed with analysis, test division and reporting.

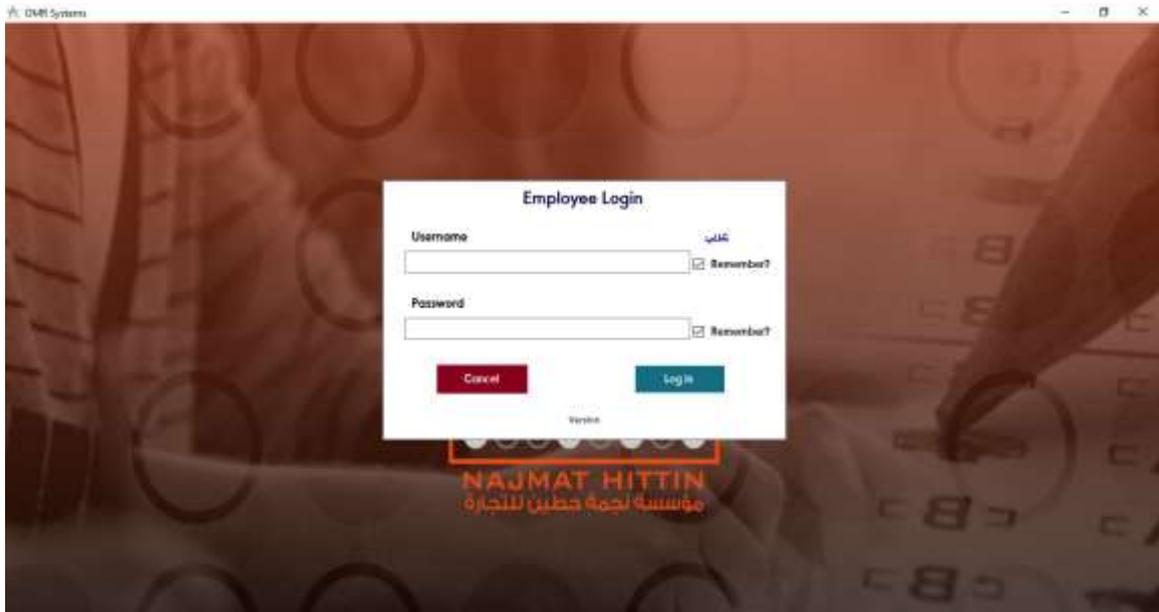
8.Applicants' papers:

Contains data read by the device through which applicants' information on the test and details of their answers are known

9.Reports:

- 1.Test analysis (single form)
- 2Test analysis (multi-forms)
- 3Compound scores (no header)

Login page

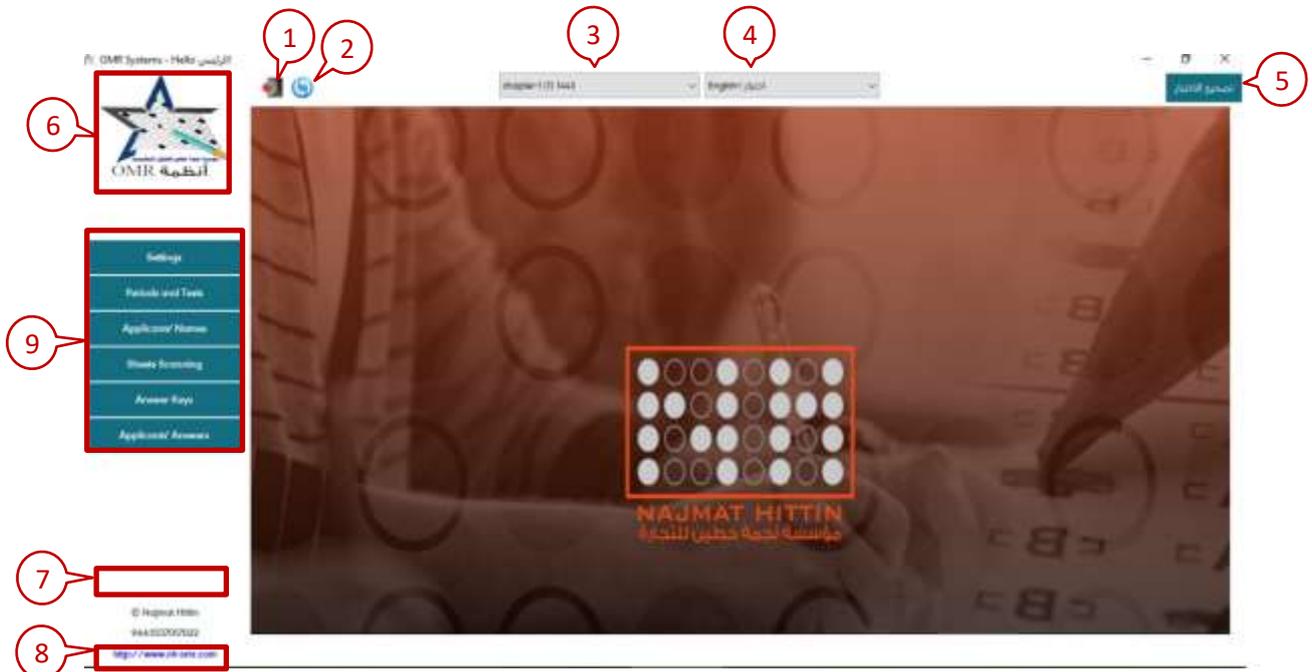


The username and password can be marked with a tick✓ in the "Remember" box next to the username in order to save it as well as another✓ in the "Remember" box next to the password in order to save it.

User data can be changed from the settings button by clicking on the change user info button



Home



- 1- Log out of the program.
- 2- Update the current page.
- 3- The period to be worked on.
- 4- The Subject and test.
- 5- Correct the test compared to the typical answer.
- 6- Customer logo. It can be changed by double click and choosing the new logo image in one of the following formulas (bmp, jpg, jpeg, jpe, jfif, png)
- 7- Program release number
- 8- The link to the organization's website and contact number.
- 9- Open the pages of the program as needed. .

Settings

The screenshot shows the 'Settings' window in the OMR Systems application. The interface includes a sidebar with navigation options like 'Settings', 'Periods and Tests', 'Applicants' Names', 'Shows Scanning', 'Access Keys', and 'Applicants' Answers'. The main area contains several input fields and tables. Callouts 1-25 identify specific elements: 1 (Form ID), 2 (Report Header), 3 (Report Filter), 4 (Current Database), 5 (Arabic Form), 6 (English Form), 7 (Number of questions), 8 (Correction device type), 9-11 (Form fields for Test, Subject, and Practical/Essay), 12-15 (Name and ID fields), 16 (Applicants And), 17 (Subjects List), 18 (Save Form), 19 (Archive Data), 20 (Merge Databases), 21 (Change User Info), 22 (Reset), 23 (Select Form), 24 (Delete Form), and 25 (New Form).

- 1- **Form number**
- 2- **The report letterhead.**
- 3- **Appendix reports.**
- 4- **Program database.**
- 5- **Identification of the Arabic and English model.**
- 6- **Number of form questions.**
- 7- **The exit is associated with the correction device. It is taken from the hardware screens with windows settings.**
- 8- **The type of correction device used by the client.**
- 9- **The test and subject are fixed and they are inserted from period screen as the period screen and tests are explained and can only be modified from there.**
- 10- **It is entered according to the definition of the paper or from the reading screen manually and must be introduced compulsory when reading**
- 11- **Choose the type of the score practical and essay by choosing from the list either number or fraction by the design of the question paper**
- 12- **In the event of a number of names in the program, the student's number will be linked to his name through the databases.**
- 13- **These fields are very important when the typical paper is compared to other information to be linked with the program.**
- 14- **Fill the name fields from the applicants' names screen according to input information**
- 15- **Applicants' paper screen variables**

- 16- It is used to match the number of the applicant on the applicant answer screen with the special column of the names to get the applicant data from the screen.**
- 17- To add subjects and their symbols you will choose subject lists and then copy and paste.**
- 18- Materials are saved after inserted**
- 19- Archive the current database**
- 20- Develop the type of questions based on the answer model by design**
- 21- Changing user data**
- 22- Save the form after making adjustments to it.**
- 23- Adopt the form and have the settings screen ready to use the program**
- 24- Delete the entire existing form**
- 25- Add a new model of the program**

Periods and tests

The screenshot shows the 'Periods and Tests' management interface. It includes a sidebar with navigation options like 'Settings', 'Periods and Tests', 'Applicable Names', 'Sheets Scoring', 'Answer Keys', and 'Applicable Answers'. The main area displays a table of existing periods and a form for adding new ones. Red callouts point to specific elements: 1 (Date field), 2 (Save button), 3 (Delete button), 4 (Subject selection dropdown), 5 (Test type dropdown), 6 (Save button), 7 (Copy from Previous Tests button), and 8 (Save button).

ID	Year	Term Name	Term Code	Actions
1	1443	Chapter 1	1	Delete

Term	Year	Subject	Test Type	Material						
Chapter 1 (1443)	1443	English	Hidden	Hidden	Hidden	Hidden	Hidden	Hidden	Hidden	Hidden

- 1- The date of the period, the name and symbol of the period or any information through which it can be distinguished from other periods.
- 2- For the addition of the period
- 3- In this section you find added periods and subjects could be added to each period.
- 4- Choose the subject either from the list or by writing it
- 5- Choose the test type
- 6- The material is added and saved
- 7- You can copy previous materials in a new period without having to add them one by one.
- 8- Save adjustments to the screen.

Names of applicants

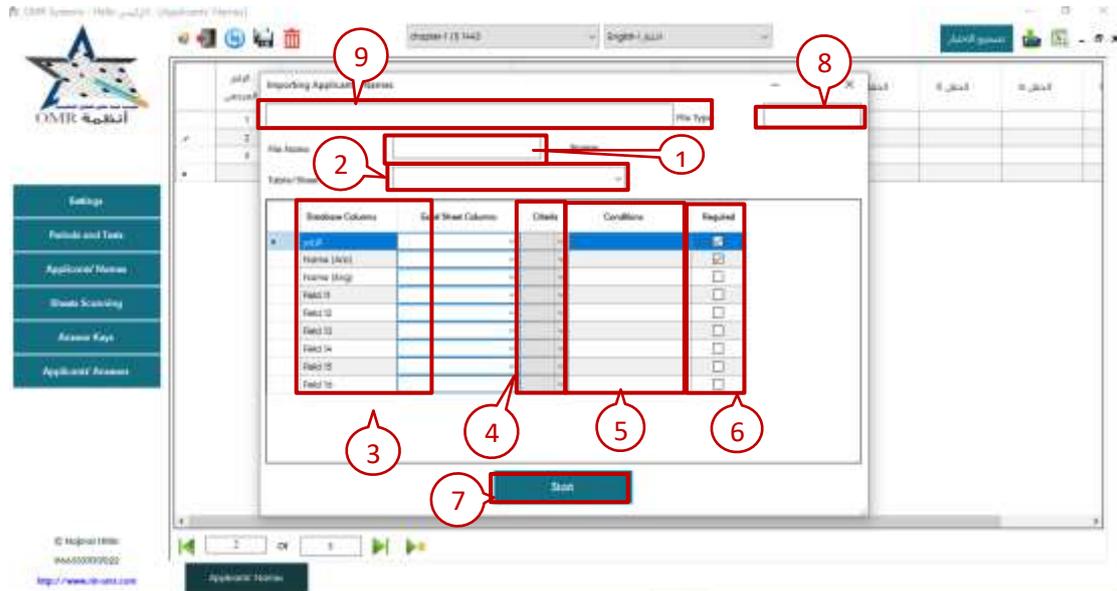
The screenshot displays the 'Applicant Names' management screen in the OMR Systems application. The main area features a table with the following data:

الرقم التسلسلي	الرقم	Name (Ar)	Name (Eng)	الاسم ١	الاسم ٢	الاسم ٣	الاسم ٤
1	22102	أحمد علي	Ahmed Ali				
2	43404	أحمد	Ahmed				
3	42329	علي	Ali				

Navigation options on the left sidebar include: Settings, Periods and Tests, Applicant Names, Books Borrowing, Answer Keys, and Applicant Assessments. The bottom left corner shows the system version (v1.0.0.0) and the URL (http://www.omr.com). The bottom right corner has a 'Print' button. The top right corner contains buttons for 'Import From Excel' (callout 2) and 'Export to Excel' (callout 3). Callout 1 points to the column headers of the table.

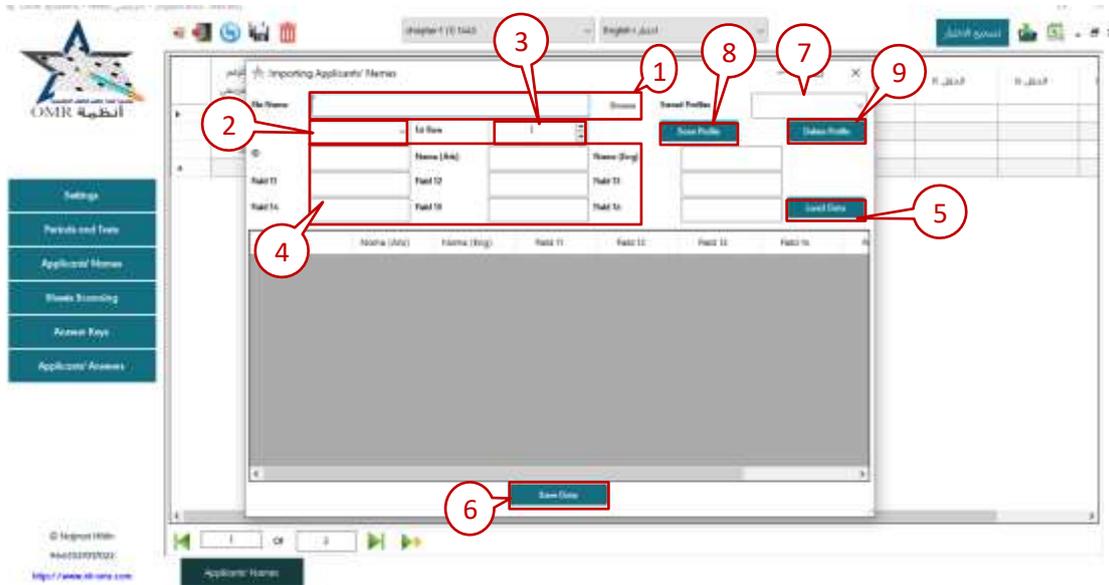
- 1- Field names can be changed from the settings screen (see the explanation on settings page - #14).
- 2- To import names from Excel (see Excel name import page)
- 3- To export the names to Excel.

Import names in a spreadsheet way



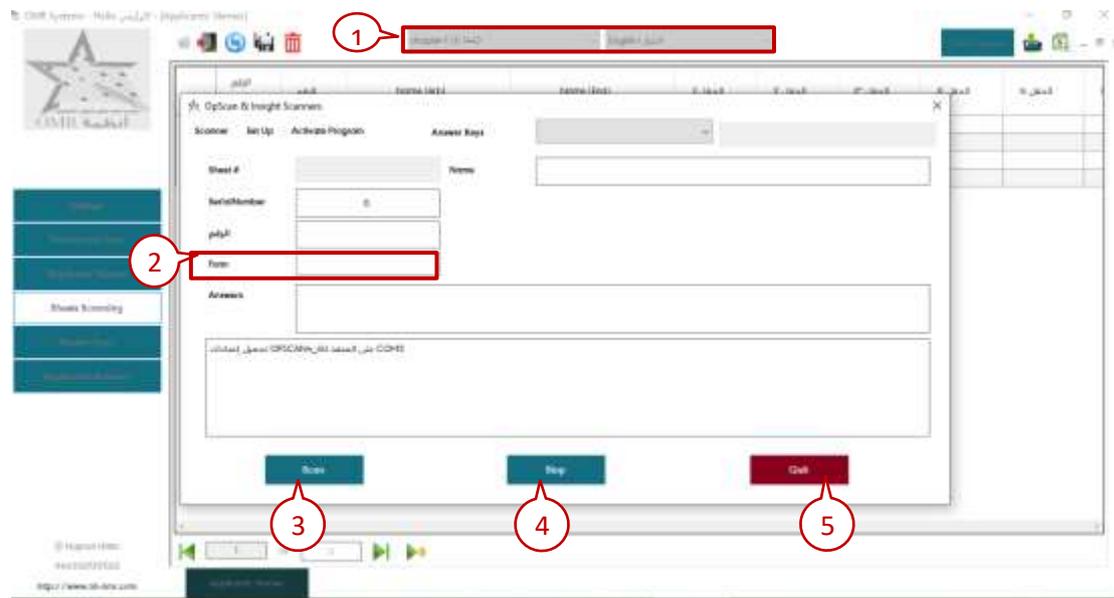
- 1- Choose the file name in an xlsx format .
- 2- Choose an excel page.
- 3- Enter field names in the excel file based on the field names on the applicants' names page.
- 4- Names can be filtered according to the criterion chosen from the list (=, >, <, <> etc.)
- 5- Names can be filtered according to a defined condition.
- 6- Shows whether the field is required to be selected from the Excel file or not
- 7- Save names in the program .
- 8- Shows the type of file chosen (Excel, Access)
- 9- Find out the location of the selected Excel file

Explain how to import names from Excel paper



- 1- Choose an excel file
- 2- Choose the excel page
- 3- Choose the row number on the excel page where the names start.
- 4- Choose the column letters of the applicant number and the rest of the fields as needed.
- 5- Download data from the excel file.
- 6- Save data to the name screen.
- 7- Save settings for future use after typing the file name in the field for later selection.
- 8- Save the Excel file input.
- 9- Delete the pre-saved name.

Read the papers

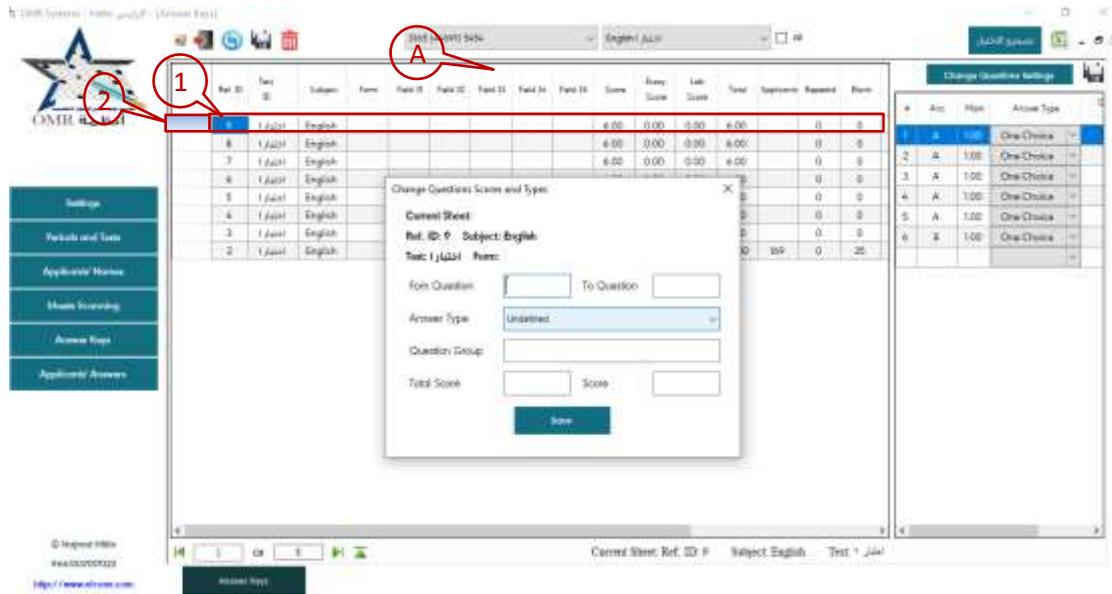


- 1- You should check the period and test
- 2- The form must be entered because it is necessary for correction process.
- 3- Click on a scan in order to enter the paper data
- 4- Stop scanning
- 5- Close the page and complete the correction process from the applicants' papers page and typical answers

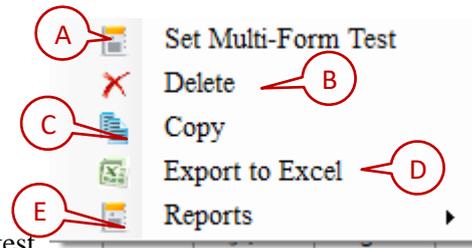
Note in Scantron device page there are 3 options when you finish reading the papers which are:

- A- **Continuity** means continuing to read
- B- **Stop** means to finish scanning this collection.
- C- **End** means close the first scanning screen

Typical answer sheets



- 1- Choose the required answer sheet model.
- 2- By pressing the right button there are commands for the typical answer which are:



A- Preparing a multi-form test

Setting Multi-Form Tests

Main Form English-اختبار 1--

Joining Forms English-اختبار 1--

Add Form Unjoin Form Clear Form

Ans.	Mark	Type	Group	Question NO	English-اختبار 1--
A	1.00	One Choice	عام	1	
A	1.00	One Choice	عام	2	
A	1.00	One Choice	عام	3	
A	1.00	One Choice	عام	4	
A	1.00	One Choice	عام	5	
B	1.00	One Choice	عام	6	

Save Changes

- 1- Choose the form to be linked from the list
- 2- Add the form after choosing it
- 3- Unjoin forms from each other
- 4- To clear the linked questions numbers.
- 5- Putting similar question numbers
- 6- Save the required changes.

B- Delete the record

- D- Copy the record
- E- Export the record in Excel format
- 3- Reports

Ref. ID	Test ID	Subject	Form	Field 31	Field 32	Field 33	Field 34	Field 35	Score
									6.00
									6.00
									6.00
									6.00
4	اختبار 4	English							6.00
3	اختبار 3	English							6.00
2	اختبار 2	English							25.00

Set Multi-Form Test

Delete

Copy

Export to Excel

Reports

Test Analysis (Single Form)

Test Analysis (Multi-Forms)

Test Details

Scores Details

Compound Scores (No Header)

Compound Scores (With Header)

Scores Statistics

- 4- Changing question settings leads to a screen through which scores information, the type of question, the category of the question, the total number of questions or the scores of each question can be added as described in the picture

Change Questions Scores and Types ×

Current Sheet:

Ref. ID: 9 Subject: English

Test: اختبار 1 Form:

Form Question A To Question

Answer Type B

Question Group C

Total Score D Score

E

- A- The question number to start the distribution with, for example, from question 1 to question 10 or any question number.
- B-The type of question according to an existing list.
- C-If the question is for a specific category or subject.
- D- Total score of specified questions.
- E-Save the chosen changes.

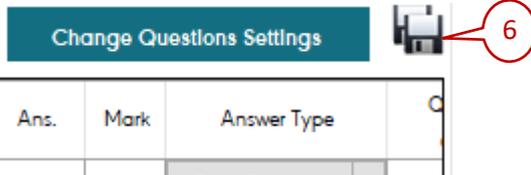
- 5- If you add equal mark= to the answer, all applicants will get the degree of the question as a gift, and if you delete the question, delete the answer

#	Ans.	Mark	Answer Type	C
1	A	1.00	One Choice	▼
2	-	1.00	One Choice	▼
3		1.00	One Choice	▼
4	A	1.00	One Choice	▼
5	A	1.00	One Choice	▼
6	B	1.00	One Choice	▼

=

delete question

- 6- Adjustments to existing answers are saved



- 7- Export answers to excel as shown on the following screen



- 8- Shows you all the materials on the screen for the selected period



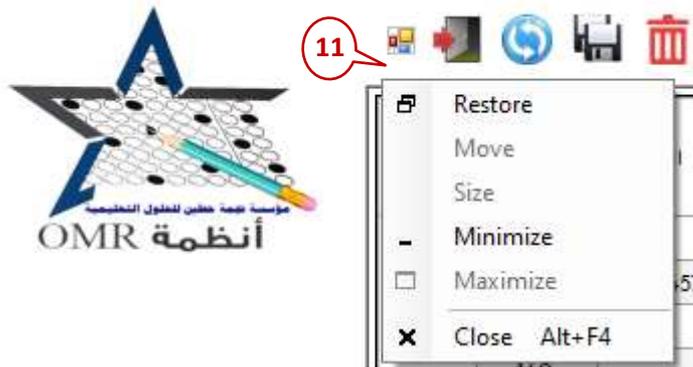
- 9- By clicking on the arrow, you will see the rest of the information on the answer sheet .



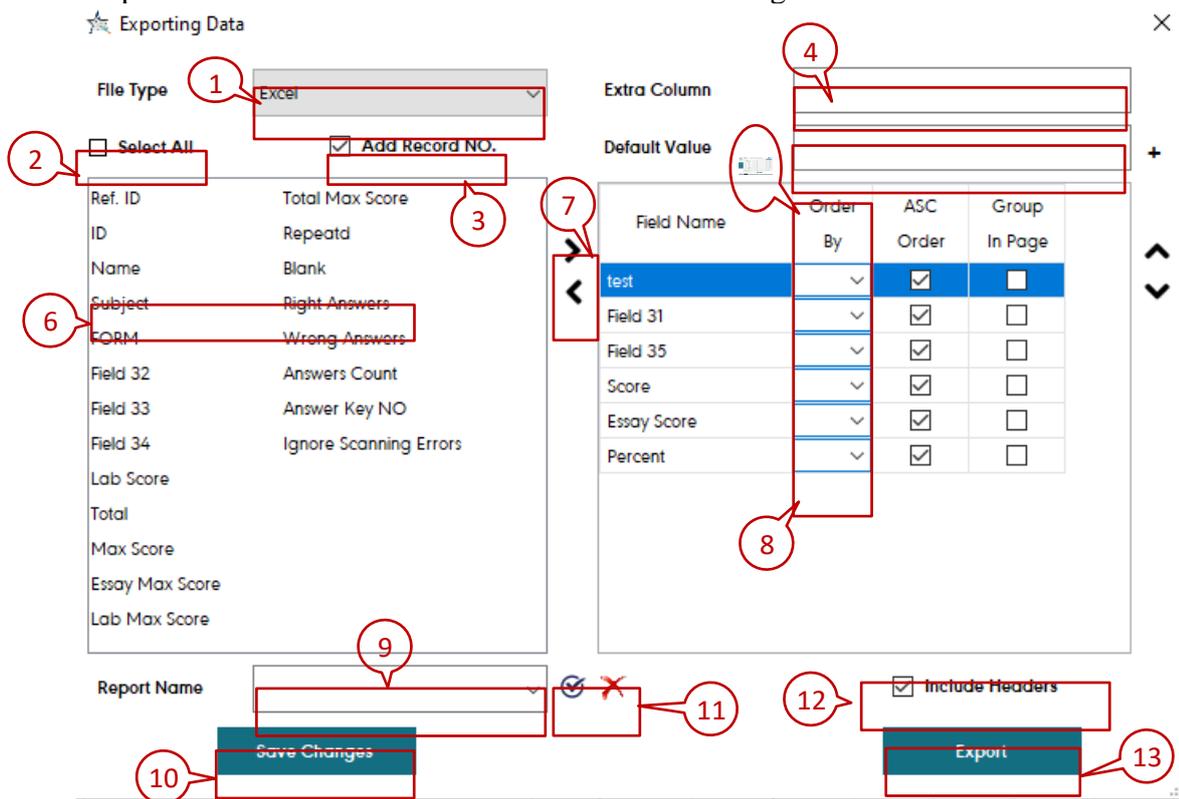
- 10- Through it, a model answer sheet is added manually.



11- Screen Zoom In & Zoom Out Features.

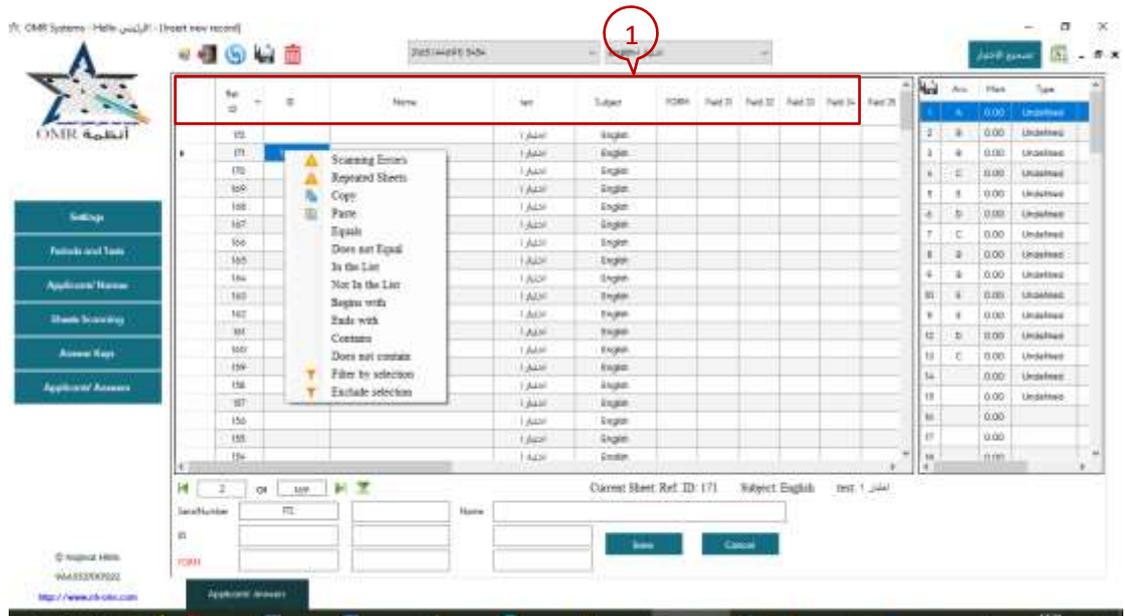


Export the answers to Excel as shown in the following screen:

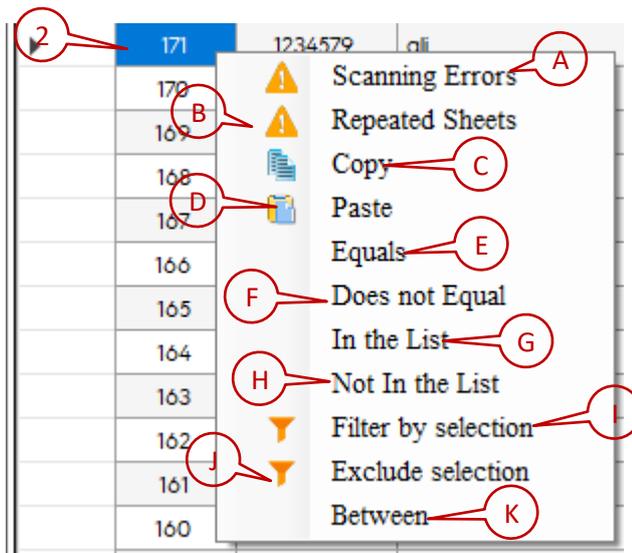


- 1- There are two versions xlsx, cvs
- 2- All the columns appear in the excel file.
- 3- Add a serial number column to the excel file
- 4- Add the name of an additional column to the excel.
- 5- The value to be entered for the additional column.
- 6- Selected columns.
- 7- Add or delete columns from existing columns.
- 8- Arrange columns in order to appear in excel.
- 9- Add a report name to be selected later.
- 10- Save changes with the same name as the required report.
- 11- Add or delete the excel paper settings you want to export.
- 12- If selected, the first line of the Excel paper contains the same column information as the program.
- 13- Export the file from the program to excel.

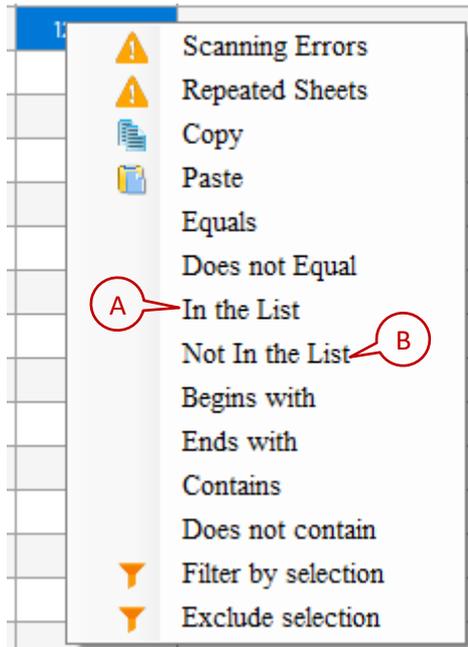
Applicant papers



- 1- By clicking on any of the columns, the column is arranged alphabetically, by number or by input.
- 2- Helps in solving answer sheet problems by clicking on any reference number.



- A- Scanning errors
 - B- Repeated sheets
 - C- copy
 - D- Paste
 - E- Equals
 - F- Does Not equal
 - G- In the list.
 - H- Not from the list
 - I- Filter by selection
 - J- Excluding selection
 - K- between
- 3- Helps in solving answer sheet problems by clicking on any record number.

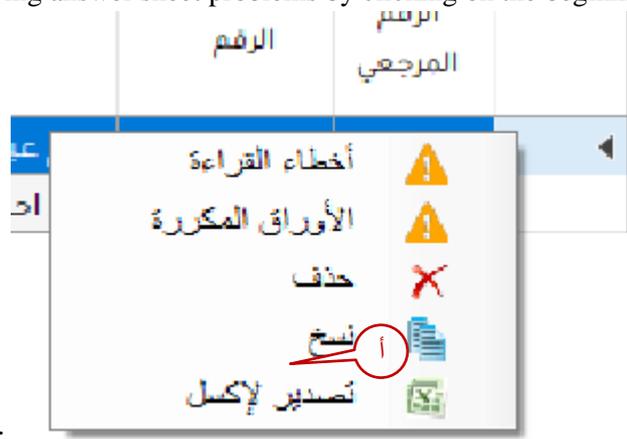


Same list as before and added to it

A- Begins with

B- ends with

4- Helps in solving answer sheet problems by clicking on the beginning of the record



and contains:

A- Export to excel and only a current record will appear or according to shadowed records

5- It clarifies student's answer, test type and the score.

	Ans.	Mark	Type	Group
1	A	0.00	efined	عام
2	B	0.00	efined	عام
3	B	0.00	efined	عام
4	C	0.00	efined	عام

6- These columns show blank and repeated answers in addition to the score and the rest of the filled fields.

7- It is re-corrected based on the mark defined by the typical answer

Essay Max Score	Lab Max Score	Total Max Score	Repeatd	Blank	Right Answers	Wrong Answers	Answers Count	Answer Key NO
0.00	0.00	25.00	0	25		0		2
0.00	0.00	25.00	0	9	0	16	16	2

8- Export to the full- excel page according to the choices of the export screen as shown by the 13th screen in the typical answer

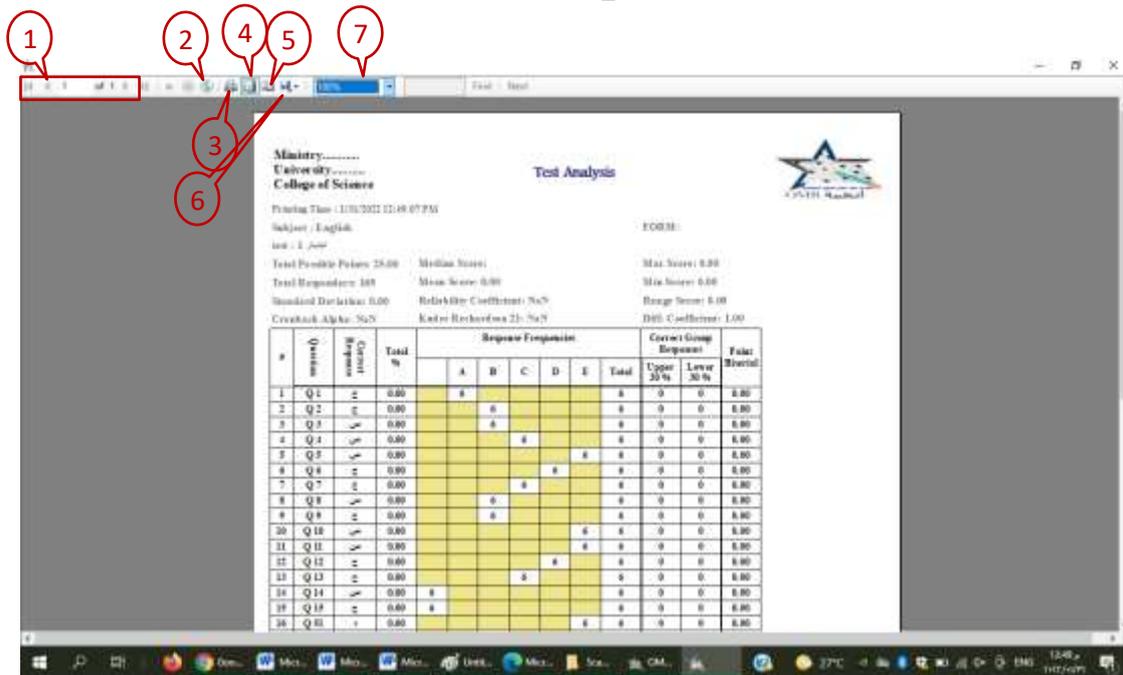


9- Add a record of a student answer sheet and save it in the program

A screenshot of a student record form. At the top, it shows '2 Of 169' and 'Current Sheet: Ref. ID: 171 Subject: English test: 1'. The form has several input fields: 'SerialNumber' (with value 172), 'ID', and 'Name'. There are also 'Save' and 'Cancel' buttons. A red 'FORM' label is visible in the bottom left corner.

10-

Reports



- 1- Navigating between report pages
- 2- Update
- 3- Printing
- 4- Printing settings
- 5- Page settings
- 6- Save PDF report and export it as excel or word file
- 7- Zoom in the report page

The existing reports are

- Test Analysis (Single Form)
- Test Analysis (Multi-Forms)
- Test Details
- Scores Details
- Compound Scores (No Header)
- Compound Scores (With Header)
- Scores Statistics

- 8- Test analysis (single form)

Ministry.....
University.....
College of Science

Test Analysis



Printing Time : 1/31/2022 12:54:54 PM

Subject : English

FORM:

test : 1 اختبار 1

Total Possible Points: 25.00

Median Score:

Max Score: 0.00

Total Responders: 169

Mean Score: 0.00

Min Score: 0.00

Standard Deviation: 0.00

Reliability Coefficient: NaN

Range Score: 0.00

Cronbach Alpha: NaN

Kuder Richardson 21: NaN

Diff Coefficient: 1.00

#	Question	Correct Response	Total %	Response Frequencies						Correct Group Responses		Point Biserial
				A	B	C	D	E	Total	Upper 30 %	Lower 30 %	
1	Q 1	د	0.00	6					6	0	0	0.00
2	Q 2	ب	0.00		6				6	0	0	0.00
3	Q 3	ج	0.00			6			6	0	0	0.00
4	Q 4	هـ	0.00				6		6	0	0	0.00
5	Q 5	ا	0.00					6	6	0	0	0.00
6	Q 6	د	0.00				6		6	0	0	0.00
7	Q 7	ب	0.00					6	6	0	0	0.00
8	Q 8	ج	0.00		6				6	0	0	0.00
9	Q 9	د	0.00			6			6	0	0	0.00
10	Q 10	هـ	0.00					6	6	0	0	0.00
11	Q 11	ا	0.00					6	6	0	0	0.00
12	Q 12	د	0.00				6		6	0	0	0.00
13	Q 13	ب	0.00			6			6	0	0	0.00
14	Q 14	ج	0.00	6					6	0	0	0.00
15	Q 15	د	0.00	6					6	0	0	0.00
16	Q 51	ا	0.00					6	6	0	0	0.00
17	Q 52	ب	0.00		6				6	0	0	0.00
18	Q 53	ج	0.00	6					6	0	0	0.00
19	Q 54	د	0.00	6					6	0	0	0.00
20	Q 55	هـ	0.00	6					6	0	0	0.00
21	Q 56	ا	0.00	6					6	0	0	0.00
22	Q 57	ب	0.00	6					6	0	0	0.00
23	Q 58	ج	0.00	6					6	0	0	0.00
24	Q 59	د	0.00	6					6	0	0	0.00
25	Q 60	هـ	0.00	6					6	0	0	0.00

Easiest:

Deleted: 0

Difficult:

Gifts: 0

9- Test analysis (multi-form)

Subject : English

FORM:

test : 1 اختبار 1

Total Possible Points: 25.00

Median Score:

Max Score: 0.00

Total Responders: 169

Mean Score: 0.00

Min Score: 0.00

Standard Deviation: 0.00

Reliability Coefficient: NaN

Range Score: 0.00

Cronbach Alpha: NaN

Kuder Richardson 21: NaN

Diff Coefficient: 1.00

#	Question	Correct Response	Total %	Response Frequencies						Correct Group Responses		Point Biserial
				A	B	C	D	E	Total	Upper 30 %	Lower 30 %	
1	Q 1	د	0.00	6					6	0	0	0.00
2	Q 2	ب	0.00		6				6	0	0	0.00
3	Q 3	ج	0.00			6			6	0	0	0.00
4	Q 4	هـ	0.00				6		6	0	0	0.00

10- Test details

#	Name	ID	Answers																												
			Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29
1	Answer Key Sheet	Answer Key	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e
2		1254579	A	B	B	C	E	D	C	B	B	E	E	D	C																
3		1254579	A	B	B	C	E	D	C	B	B	E	E	D	C																
4		1254579	A	B	B	C	E	D	C	B	B	E	E	D	C																
5		1254579	A	B	B	C	E	D	C	B	B	E	E	D	C																
6		1254579	A	B	B	C	E	D	C	B	B	E	E	D	C																
7	all	1254579	A	B	B	C	E	D	C	B	B	E	E	D	C																

11- scores details



تفاصيل الدرجات

وزارة
كلية
قسم اللغة الإنجليزية

وقت الشفاة : الخمس 05:52 14/3/10

المادة : EMP
الاختبار : Quiz 1
الدرجة :
الصف : 3194
التوزيع :
Error# :

#	الاسم	الرقم	مجموع	مكررة	الرايات	خطا	عدد الاجابات	الدرجة	مطلبة	علي	المجموع	النسبة المئوية
1	ابراهيم محمد بن علي	443050200	10	0	0	0	10	2.50	0.00	0.00	2.50	100.00
2	أحمد بن غالب بن مسور	345345	10	0	0	0	10	2.50	0.00	0.00	2.50	100.00
3	أحمد بن محمد ب	88888	10	0	0	0	10	2.50	0.00	0.00	2.50	100.00
4	اسلمه بن علي	443050160	10	0	0	0	10	2.50	0.00	0.00	2.50	100.00
5	خالد بن محمد	443051103	9	0	0	0	9	2.25	0.00	0.00	2.25	100.00
6	زكي بن عبدالله بن محمد	822828	9	0	0	0	9	2.25	0.00	0.00	2.25	90.00
7	طلال بن عقيد بن علي	443050177	10	0	0	0	10	2.50	0.00	0.00	2.50	100.00
8	عبدالرحمن بن أحمد	44305	5	0	0	0	5	1.25	0.00	0.00	1.25	50.00

12- compound scores (no header)

#	الاسم	الرقم	الصف	الدرجة	EMP		النسبة المئوية
					Quiz 1	المجموع	
1	ابراهيم بن محمد بن علي	443050200	3194		2.50	3	100.00
2	أحمد بن غالب بن مسور	345345	3194		2.50	3	100.00
3	أحمد بن محمد ب	88888	3194		2.50	3	100.00
4	اسلمه بن علي	443050160	3194		2.50	3	100.00
5	خالد بن محمد	443051103	3194		2.25	2	100.00
6	زكي بن عبدالله بن محمد	822828	3194		2.25	2	90.00
7	طلال بن عقيد بن علي	443050177	3194		2.50	3	100.00
8	عبدالرحمن بن أحمد	44305	3194		1.25	1	50.00
9	عبدالله بن زهر بن حسن	774474	3194		2.50	3	100.00
10	عبدنان بن نايف بن خليل	5252582	3194		2.50	3	100.00
11	علي بن صالح بن علي	828282	3194		2.50	3	100.00
12	قارس بن عبدالرحمن	44444196	3194		2.50	3	100.00
13	ماجد بن هذال	354357	3194		2.25	2	90.00
14	مالك بن عبدالله بن خطاب	28293	3194		2.50	3	100.00
15	محمد بن سعد بن محمد	4576354	3194		2.25	2	90.00
16	محمد بن صالح بن علي	443050195	3194		2.50	3	100.00
17	محمد بن عبدالرحمن	443050198	3194		2.50	3	100.00
18	محمد بن منصور بن	444449	3194		2.50	3	100.00
19	يزيد بن سليمان	3433545	3194		2.25	2	90.00

13- compound scores (with a header)

