The Hong Kong University of Science and Technology

TestAnyTime 10.3.5 User Guide

Scan MC1 Form

(Machine A)

SEPT 2022 ITSC

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A. Preparation

Before you come to ITSC ...

1. Booking

ITSC operates a booking system for the Optical Mark Reader so that users will not be inconvenienced by having to wait and indeed they will not be interrupted by others during the operation.

To make a booking, please reserve via below Booking System: - <u>http://itscapps.ust.hk/facility/book</u>

Please note that the scanner is available during <u>ITSC Service Desk opening hours</u>:

2. Prepare model answer

You need to prepare a model answer form. Mark on the form the correct answers for all the questions in the test. Please note that each question should have only *ONE* correct answer.

If you have more than ONE answer for the question (OR condition), please refer Section **K**. If you have answers in AND condition, please refer Section **L**.

3. Prepare test forms

Make sure that all forms are properly completed by respondents and are facing in the same direction.

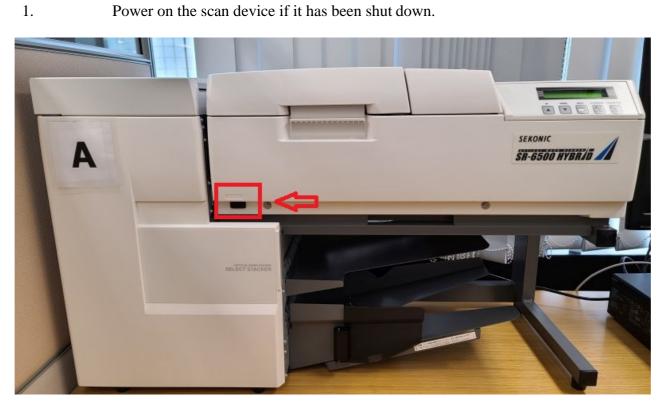
4. Bring storage media

Bring along flash memory key to store your data files or you may send the files via email attachment.

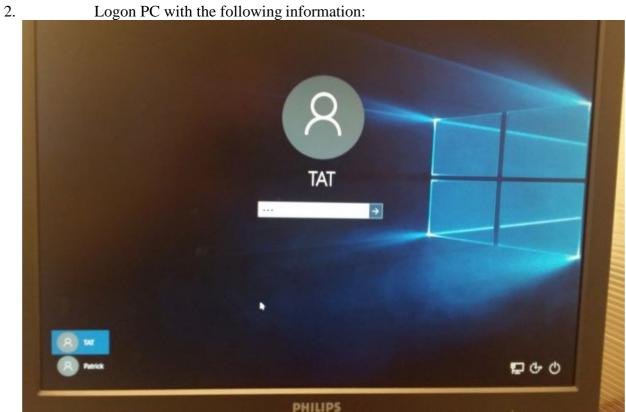
B. Scanner Corner



C. Power on Scan Device & Launch TestAnyTime Program



Power on the scan device if it has been shut down.



Username : TAT Password : TAT

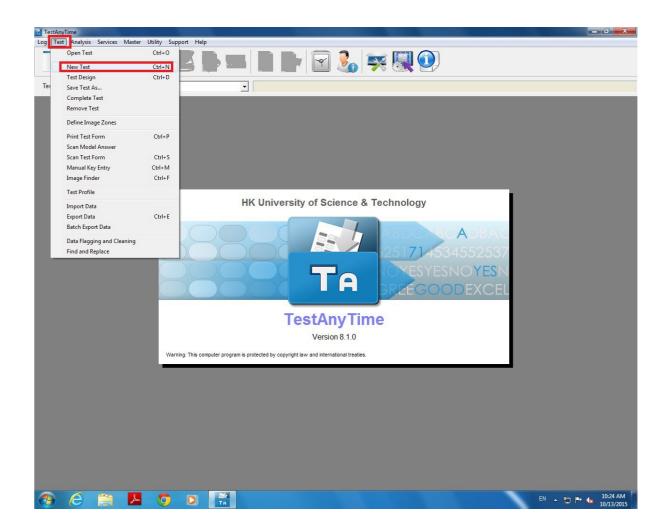
Double click **TestAnyTime** icon from desktop 3.



The TestAnyTime main page will be displayed (A backup process will be run if this is the first start of the day, simply click 'Yes' to continue)

D. Create Your Own Project / Working Directory

From Test pull down menu and select "New Test"



Select MC1 Form Template

TestAnyTime Log Test Analysis Services Maste	er Utility Support Help	- 0 ×
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Test Project		
	New Test	
	You can create a test project using Quick Start or Start from Empty Project. Image: Constraint of the Start Image: Constraint of the Start Image: Constraint of the Start from Empty Project Image: Constraint of the Start from Empty Project (for advance users)	
	x	
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*	anize V New folder	
	File name: MC_Template.dat	
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- 1. Select "Start from Existing Project" and click the right box.
- 2. Open @Template folder and select MC_Template.dat, click Open and then Start. (The full path is C:\DataCap\TestAnyTime\Data\@Template\MC_Template.dat)

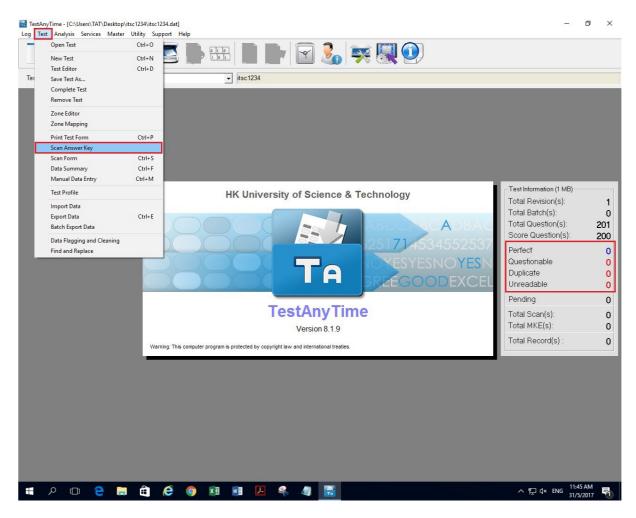
3. Save your own working directory by creating a folder (advisable on Desktop) e.g. ITSC1234 and then save the file name (itsc1234) in the folder.

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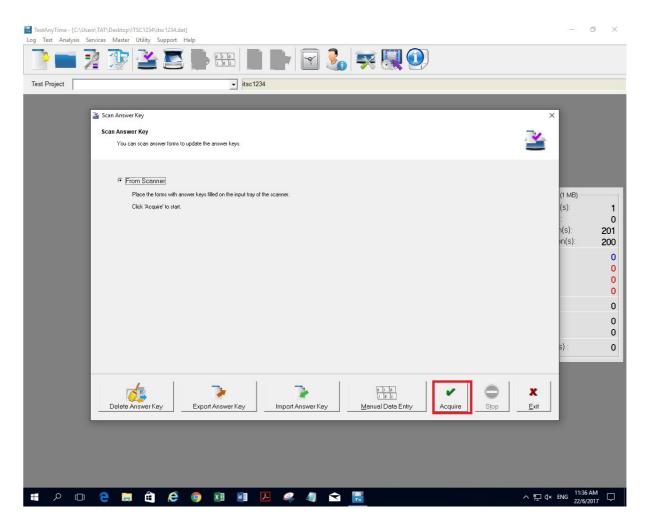
4. Click "Save"

E. Scan Answer Key

1. From **Test** pull-down menu, select and click **Scan Answer Key** option. Make sure the opened template is clean without any data being stored. (Please approach our Service Desk colleague if the template is incorrect)



- 2. Place ONLY the model answer form onto the document scanner, facing up with head goes in first.
- 3. Click 'Acquire' button.



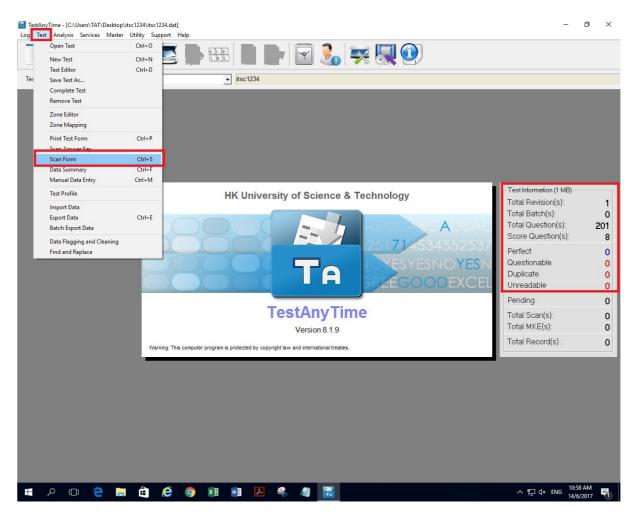
4. The scanned model answers are then displayed. **Double check** on each scanned model answer.

No PO1_D0e Score [Fostor:]. Wrong=0. Multiplext0] (1 MB) No PO1_MC_1 1 2.2 B (3) (3) (5) C_2 PO1_MC_2 3 - C (5) (5) (5) (5) C_3 PO1_MC_3 1 3 - C (5) (5) (5) (5) (5) (5) C_4 PO1_MC_4 4 - D (5) (6) (6) (7) (6) (7) (6) (7) (6) (7) (6) (7) (6) (7) (6) (7) <th>Control Control Notice Control Notice</th>	Control Control Notice
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MC_14 P01_MC_14 1 MC_15 P01_MC_15 1 MC_16 P01_MC_15 1 MC_17 P01_MC_17 1 MC_18 P01_MC_17 1 MC_18 P01_MC_18 1 MC_19 P01_MC_19 1 MC_20 P01_MC_20 1 OK s):	A MC_114 P01_MC_114 1 S MC_15 P00_MC_15 1 S MC_15 P00_MC_15 1 S MC_16 P00_MC_16 1 S MC_18 P00_MC_17 1 MC_19 P00_MC_18 1 S MC_19 P00_MC_18 1 S MC_20 P01_MC_20 1 S) :
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MC_20 P01_MC_20 1 P7.	3. MC_20 P01_MC_20 1
	.mL_21 PU_ML_21 I ▼
a) Dela multipla choines quantione will be escand	ote: Only multiple-choices questions will be saved.
	Score Question(s): 8 Full Mark 8 Passing Mark % 0 ** * *
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5. Click **Save** to save the model answer and OK to exit to main menu.

F. Scan Test Forms

1. From **Test** pull-down menu, select and click **Scan Form** option or click on scan test form icon.



- 2. Place the test forms onto the document scanner, facing up with head go in first
- 3. Click 'Scan' to start scanning process.

Count mile Scanning Information Respondent ID Batch No. O Perfect O Question Tag Scanned Data Duplicate O Message		
Batch No. O Perfect 0 Questionable 0 Duplicate 0 Message	y scanned image (G MB)	
	(s): : n(s): m(s):	20
Total Scanned O	a) : 	

4. After all forms are scanned, click **Stop** and then **Exit** to return.

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b pencil to	pendit to mark your answers as follows	follows:				
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Responded ID will be printed on the scanned form



The questionable forms will be sorted on the upper tray while accepted sheets will be allocated on the lower one.

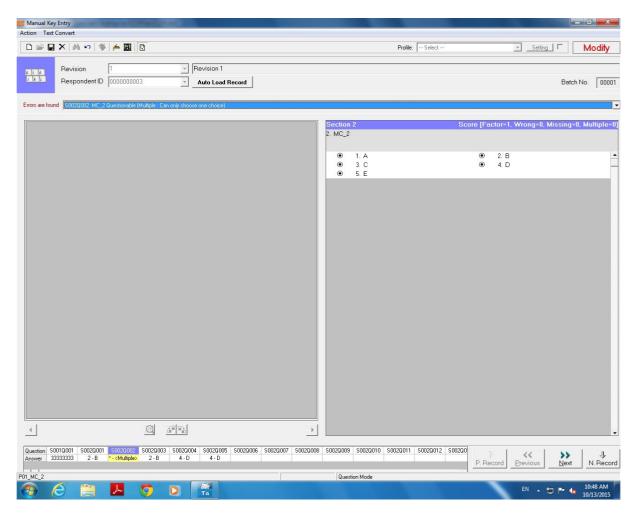
G. Check for Questionable Answers (Auto Load Record)

In order to make the scanning process smooth, the system will continue the scanning when questionable answers are detected. At the end of the scanning process, users are recommended to check for questionable answers and make adjustments where necessary.

Items classified as questionable include:

- Incomplete Student ID Number
- Multiple-answered question
- Any answer that the system could not detect clearly

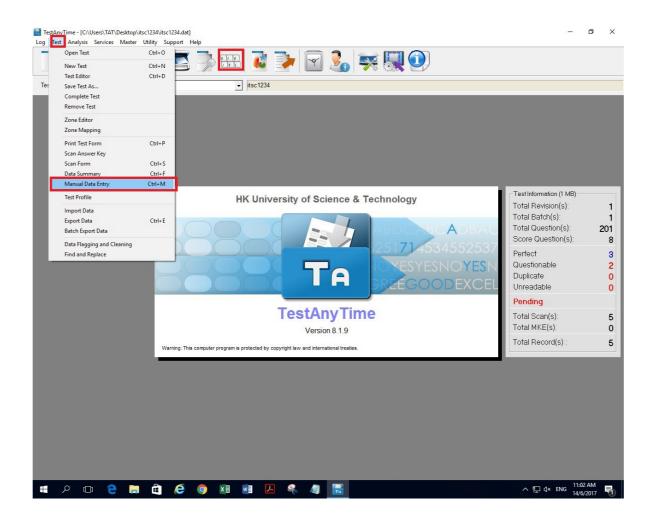
EXAMPLE: (Questionable – Multiple Answer)



EXAMPLE: (Questionable -No ID)

Manual Key Entry	
Action Text Convert	
	Profile: Select -
Revision 1 _ Revision 1 Respondent ID 0000000005 _ Auto Load Record	Betch No. 00001
Errors are found S001Q001. IDNo Questionable (question-level rule: LENGTH = 8 AND NOT CONTAINS AND NOT CONTAIN	s ŋ 🗸
	Section 1 Score [Factor=1, Wrong=0, Missing=0, Multiple=0] 1. IDNo
4 <u>@</u> <u>#</u> P2	
Question \$0010001 \$002Q001 \$002Q002 \$002Q003 \$002Q004 \$002Q005 \$002Q006 \$002Q007 \$002Q008 Answer 3 - C 2 - B 2 - B 4 - D 5 - E 5 - E	\$0020009 \$0020010 \$0020011 \$0020012 \$002000 P. Record P. Record Previous N. Record
P01_IDNo: Maximum Length = 8	Question Mode
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1. From **Test** pull-down menu, select and click **Manual Data Entry** option or click the Manual Key Entry icon



Manual Key Entry Action Text Convert			-	o ×
		Profile: Select	Setting	Modify
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Errors are found S001Q001. IDNo Questionable (question-level rule: LENGTH = 8 AND NOT CONTAINS AND NOT CONTA	AINS *)			•
	Section 1 1. IDNo	Sco	re [Factor=1, Wrong=0, Missing	=0, Multiple=0]
	•			
Question S0020001 S0020001 S0020002 S0020003 S0020004 S0020005 S0020006 S0020007 S002007 S002007	008 \$0020009 \$0020010	S002Q011 S002Q012 S002Q0	P. Record Previous Nex	
P01_IDNo: Maximum Length = 8	Question Mode			
# A 🖽 😋 🎜 🥥 🛤 🛱 🗷 🖷 🦉 🚟			^ 記 ♡	3:07 PM 25/7/2016

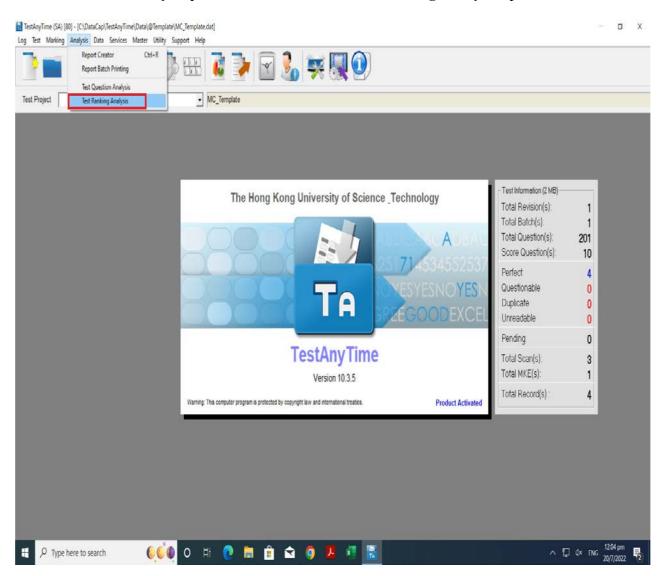
- 2. Click Auto Load Record and take appropriate correction to the question. Click "Next"
- Then proceed to the next question or to go to the next record. Click "Yes".
 Until "This is the last record" Windows popped up.

WE Manual Data Entry Action Choice Text Convert		- 0 ×
	Profile: Select	Setting New
Revision 1 Revision 1 Respondent ID Auto Load Record		Batch No.
Pease select a respondent by clicking Respondent ID box or the Find icon. To u can also press enter to add a new respondent.		
P01_MC_3 Question Mode		
# 2 © 🤮 🗮 🖨 🤌 🧔 🗷 🗷 🖉 📣 😭 🔚		ヘ 記 d× ENG 11:51 AM 22/6/2017 □

5. Click OK and quit Manual Key Entry dialog box and go back to the Main Menu.

H. Test Ranking Analysis Report

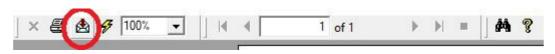
1. From Analysis pull-down menu, select Test Ranking Analysis option.



2. Click **Test Ranking Analysis** to generate report.

			Revision 1)				
Test Ran	king Analysis	- All Respo	ndents (Sor	ted By Res	pondent ID)		
IDNo Ma	rk Result	Ranking	Correct Answer	Wrong Answer	Unanswered Question	Status	
20151234 7.0 20143366 3.0		1	7	1	0	(Highest) (Lowest)	
20161111 5.0 20180011 6.0	0	3 2	5	3 2	0	(201004)	
20144012 4.0		4	4	4	0		
No. of candidate attend Passing mark Highest mark	ded : : :	5 N/A 7.0					
Lowest mark Lowest mark Average mark	:	3.0 5.0					

3. Click **Export** button to export the report in your favorite format. E.g. Excel, PDF etc.. then Click OK.

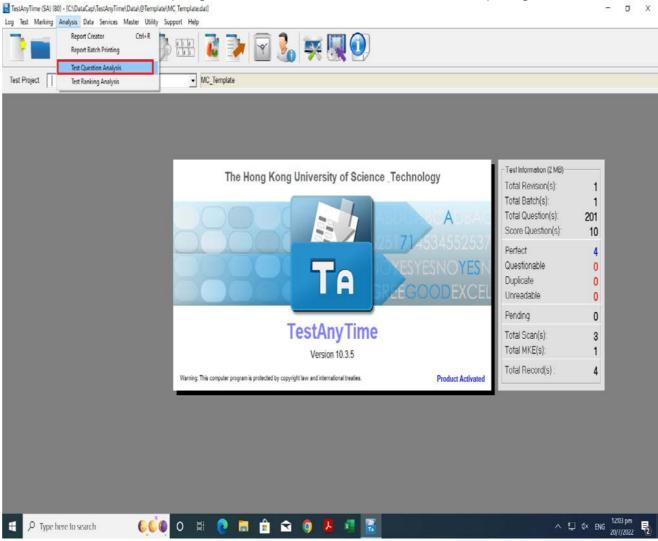


Export	×
Format:	ОК
Destination:	Cancel
Disk file	•

- 4. Click **OK** to accept the default settings/layouts in Excel Format Options.
- 5. Save the exported file to your working directory.
- 6. Quit the report preview and go back to the main display menu.

I. Test Questions Analysis Report

1. From **Analysis** pull-down menu, select **Test Question Analysis** option.



2. Click **Test Questions Analysis** to generate report.

itsc1234 (Revision 1) Test Questions Analysis - Sort the Questions By Record Order											
	uestion = 8 andidate = 5	1									
	anuluate - 5		racy (%) of Ar	swer			Choice D	istribution			_
Section	Question	Correct	Incorrect	Missing	A	В	с	D	E	F	Model Answe
2	1	3 (60.0%)	2(40.0%)	0(0.0%)	1 (20.0%)	3 (60.0%)	1 (20.0%)	0 (0.0%)	0 (0.0%)		Choice : B
2	2	3 (60.0%)	2(40.0%)	0(0.0%)	0 (0.0%)	2 (40.0%)	3 (60.0%)	0 (0.0%)	0 (0.0%)	1	Choice : C
2	3	3 (60.0%) 4 (80.0%)	2(40.0%)	0(0.0%)	0 (0.0%)	0 (0.0%)	3 (60.0%) 0 (0.0%)	2 (40.0%) 4 (80.0%)	0 (0.0%)		Choice : C Choice : D
2	5	4 (80.0%)	5(00.0%)	0(0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (40.0%)	3 (60.0%)		Choice : A
2	6	4 (80.0%)	1 (20.0 %)	0(0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (20.0%)	4 (80.0%)		Choice : E
2	7	4 (80.0%)	1(20.0%)	0(0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (20.0%)	4 (80.0%)		Choice : E
2	8	4 (80.0%)	1(20.0%)	0(0.0%)	0 (0.0%)	0 (0.0%)	1 (20.0%)	0 (0.0%)	4 (80.0%)		Choice : E
	Average :	3.1 (62.5%)	1.9 (37.5%)	0.0 (0.0%)							

The highlighted answer represents the highest selection



2 3 (00.0%) 2 (40.0%) 0 (0.0%) 0 (0.0%) 2 (40.0%) 3 (60.0%) 0 (0.0%) 0 (0.0%) Choice : C 3 3 (60.0%) 2 (40.0%) 0 (0.0%) 0 (0.0%) 3 (60.0%) 2 (40.0%) 0 (0.0%) Choice : C 4 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 1 (20.0%) Choice : D 5 0 (0.0%) 5 (00.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 2 (40.0%) 2 (40.0%) Choice : D 6 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) Choice : A 7 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 1 (20.0%) 4 (80.0%) Choice : E				Te	st Questio		1234 (Revis		y Record Or	der		
On Question Correct Incorrect Missing A B C D E F Model Answer 1 3 (00% 2 (40.0%) 0 (0.0%) 1 (20.%) 3 (00.%) 1 (20.%) 0 (0.0%) 1 (20.%) 0 (0.0%) 0 (
On Question Correct Incorrect Missing A B C D E F Model Answer 1 3 (00% 2 (40.0% 0 (0.0%) 1 (20.%) 3 (00.%) 1 (20.%) 0 (0.0%) 1 (20.%) 0 (0.0%) 0 (0			Accu	racy (%) of Ai	swer			Choice Di	istribution			
2 3 (00.0%) 2 (40.0%) 0 (0.0%) 0 (0.0%) 2 (40.0%) 0 (0.0%)	Section	Question				A	в		1	E	F	Model Answe
3 3 (00.0%) 2 (40.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 2 (40.0%) 0 (0.0%) Choice : C 4 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 4 (80.0%) 1 (20.0%) Choice : D 5 0 (0.0%) 5 (00.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 2 (40.0%) 1 (20.0%) Choice : A 6 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 2 (40.0%) 1 (80.0%) Choice : A 7 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) Choice : E Choice : E 7 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) Choice : E Choice : E 8 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) Choice : E Choice : E Average 3 1 (82.5%) 1 5 (37.5%) 0.0 (0.0%) Choice : E Choice : E MS Excel 97.2000 Image: Image: Image: Image: Choice : E MS Excel 97.2000	2	1	3 (60.0%)	2(40.0%)	0(0.0%)	1 (20.0%)	3 (60.0%)	1 (20.0%)	0 (0.0%)	0 (0.0%)		Choice : B
4 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 4 (80.0%) 1 (20.0%) Choice : D 5 0 (0.0%) 5 (00.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 2 (40.0%) 3 (80.0%) Choice : A 6 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 1 (20.0%) Choice : E 7 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 1 (20.0%) 4 (80.0%) Choice : E 8 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 1 (20.0%) 4 (80.0%) Choice : E Average: 3.1 (82.5%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) Choice : E MS Excel 97.2000 Imat: OK OK Choice : F OK Choice : E 9 MS Excel 97.2000 Imat: OK Choice : F Choice : E Choice : E 9 Record tyle (columns with space) 9 Record tyle (columns no space) P Record tyle (columns no space) P Record tyle (columns no space) P Record tyle (columns no space)	2					0 (0.0%)					1	
5 0 (0.0%) 5 (00.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 2 (40.0%) 5 (60.0%) Choice : A 6 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 1 (20.0%) 4 (80.0%) Choice : E 7 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 1 (20.0%) 4 (80.0%) Choice : E 8 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 1 (20.0%) 4 (80.0%) Choice : E Average: 3.1 (82.5%) 1.9 (37.5%) 0.0 (0.0%)	2											
8 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 1 (20.0%) 4 (80.0%) Choice : E 7 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 1 (20.0%) 4 (80.0%) Choice : E Average 3.1 (92.5%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) Choice : E Fomat: Fomat: OK	2											
7 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 0 (0.0%) 1 (20.0%) 4 (80.0%) Choice :E Average: 3.1 (82.5%) 1 (3.7.5%) 0.0 (0.0%) 0 (0.0%) <td< td=""><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	2											
8 4 (80.0%) 1 (20.0%) 0 (0.0%) 0 (0.0%) 1 (20.0%) 0 (0.0%) Choice : E Average 3.1 (82.5%) 1.9 (37.5%) 0.0 (0.0%) Export Concel Concel MS Excel 97:2000 Image: 0.0%	2									10000		
Average 3.1 (92.5%) 1.9 (37.5%) 0.0 (0.0%) Export X Format: OK MS Excel 97-2000 Cancel MS Excel 97-2000 (Data only) MS Word ODEC ODEC Peopot dtyle (columns no spaces) Peopot dtyle (columns no spaces)	2					S.4				24		
Export X Format: MIS Excel 97:2000 X MIS Excel 97:2000 (Data only) MIS Excel 97:2000 (Data only) MIS Word ODBC Plecord tyle (columns no spaces) Plecord tyle (columns not spaces) Plecord tyle (columns not spaces)	-					0 (0.0%)	0 (0.0%)	1 (20.0%)	0 (0.0%)	+ (00.0%)		Choice : E
Format: OK INS Excel 97:2000 Image: Cancel INS Excel 97:2000 Cancel INS Excel 97:2000 Cancel Image: Cancel Image: Cancel		Average .	3.1 (02.0%)	1.0 (31.0%)		2						
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ILIS Excel 972000 MS Excel 972000 (Data only) MS Word ODBC ODBC tyle (columns no spaces) Record tyle (columns not spaces) Record tyle (columns not spaces)									ок			
Hastand Proceed MS Excel 97-2000 (Data only) MS Word ODBC Pecord style (columns not spaces) Record style (columns with space Pepot Definition									ancel			
ODBC Pecord style (columns with space) Pecord style (columns with space) Pecord style (columns with space)								^ _				
Pecord style (columns no spaces) Pecord style (columns with space Pecord style (columns with space Pecord Style (columns with space												
Report Definition					L		(columns no space	es)				
								ce:				
								\mathbf{v}				

- 4 Click **OK** to accept Export Option.
- 5 Save the exported file to your working directory
- 6 Quit the report Preview and go back to main display menu.

J. Export Data

After scanning the test forms, you may export the data to various file formats for filing purpose or for further analysis. Available file formats are as follow:

- ASCII (Fix Length) format
- dBase / FoxPro format
- MS Excel format
- MS Access format
- CSV (Comma Separated)
- XML Format

To export data:

1. From **Data** pull-down menu, select and click **Export Data** option.



2. At the Export Data dialog:

Project	Ite & Provide Action of the second	
File File Select Export Data File Select Export Mode ← Export By Revision Revision C Export By Filer File Type ← ASCII (Fixed length) ← MS Excel Format ← MS Excel Format ← MS Access Format ← C SV (Comma Separated) FV With ("")	Profile: Select Export Action No. of respondents Database Validation 5 Exclude llagged records 5 File Information Export File Name C\DataCcap\TestAnyTime\Export(%PROJECT_NAME%XLS Export File Name C\DataCcap\TestAnyTime\Export(%PROJECT_NAME%XLS Export file Name C\DataCcap\TestAnyTime\Export(%PROJECT_NAME%XLS Export file Name C\DataCcap\TestAnyTime\Export(%PROJECT_NAME%XLS Export file Name C\DataCcap\TestAnyTime\Export(%PROJECT_NAME%) Export Image Path File Information Export Image Path Color Image File Image Path Color Image File Export Command OPEN	ation (1 MB) stick (Q)ur own work for stick (Q)ur own work for stic
C ODBC	Example: OPEN / OPEN Filename / EXPLORE / EXPLORE Folder / Shell Command C Export as choice ID C Export as choice Description Show Field Headers Image: Show Field Headers Image: Show Field Headers Image: With Asswer Key Image: With Total Mark Image: With Correct Percentage Image: With Section Mark Image: With Total Mark Image: Export Option Export Export Option Image: Export Option	E:**

- a. Under **Export By Revision** option, **tick check box** for Revision 1.
- b. At **File Type**, select appropriate file format that you want to export to. Eg. MS Excel Format
- c. Select Export As option.

Export as Choice ID: Exported data contains students' answer to each question. Data will be exported as 1, 2, 3, 4 and 5, representing A, B, C, D and E respectively.

Export as Choice Description:

-	Exported data contains students' answer to each question. Data will be exported as A, B, C, D and E.
Export as Score:	Exported data contains students' score for each question. (1 represents correctly answered)
Selective checkbox opt	ions: With Answer Key, With Total Mark, With Correct Percentage

- d. At the **Export File Name** area, browse and save the file in your working directory.
- e. Click Open and then Click Export
- f. Quit the Excel file and exit to Main Menu

Examples on the layout of the exported data

(Mapping on student's answer: 1 - A, 2 - B, 3 - C, 4 - D, 5 - E)

Export As Choice ID, MS Excel Format

1	respondent_id	P01_IDNo	P01_MC_1	P01_MC_2	P01_MC_3	P01_MC_4	P01_MC_5	P01_MC_6	P01_MC_7	P01_MC_8	TotalScore	CorrectPercentage
2	MC(Answer)		2	3	3	4	1	5	5	5		
3	0000000001	20151234	2	3	3	4	4	5	5	5	7	87.5
4	0000000002	20143366	1	2	3	4	5	5	4	3	3	37.5
5	0000000003	20161111	2	2	4	4	5	5	5	5	5	62.5
6	0000000004	20180011	3	3	3	4	4	5	5	5	6	75
7	0000000005	20144012	2	3	4	5	5	4	5	5	4	50

Export As Choice Description, MS Excel Format

1	respondent_id	P01_IDNo	P01_MC_1	P01_MC_2	P01_MC_3	P01_MC_4	P01_MC_5	P01_MC_6	P01_MC_7	P01_MC_8	TotalScor	CorrectPercentage
2	MC(Answer)		В	С	С	D	A	E	E	E		
3	0000000001	20151234	В	С	С	D	D	E	E	E	7	87.5
4	0000000002	20143366	A	В	С	D	E	E	D	С	3	37.5
5	0000000003	20161111	В	В	D	D	E	E	E	E	5	62.5
6	0000000004	20180011	С	С	С	D	D	E	E	E	6	75
7	0000000005	20144012	В	С	D	E	E	D	E	E	4	50

Export AS Total Score, MS Excel Format

				- 10 - -	-			S. 5.15				
1	respondent_id	P01_IDNo	P01_MC_1	P01_MC_2	P01_MC_3	P01_MC_4	P01_MC_5	P01_MC_6	P01_MC_7	P01_MC_8	TotalScore	CorrectPercentage
2	MC(Answer)		2	3	3	4	1	5	5	5		
3	0000000001	20151234	1	1	1	1	0	1	1	1	7	87.5
4	0000000002	20143366	0	0	1	1	0	1	0	0	3	37.5
5	0000000003	20161111	1	0	0	1	0	1	1	1	5	62.5
6	0000000004	20180011	0	1	1	1	0	1	1	1	6	75
7	0000000005	20144012	1	1	0	0	0	0	1	1	4	50
0												

Note : In order to ensure the PC functions properly and effectively, ITSC will perform the PC house-keeping periodically without further notice. Users are STRONGLY recommended to either save the scanned data in storage devices like flash drives or external HDD, or send the files to their own accounts via email. You may also save your project file (XXXX.dat) for future reference

K. Question with Multiple Answers (OR Condition)

- 1. Open Template and create your own project/working directory same as stated in Section D.
- 2. Scan Answer Key (same as Section E).
- 3. Double click for questions with Multiple answer and give it one answer from A-E. Click Save. Click OK to go back to main menu.

<u> </u>	i 🍞 놀 🚬 📄 🎞					
Project	it t	sc_or				
	놀 Scan Answer Key				×	
	Scan Answer Key			-		
	You can scan answer forms to update the answer keys.				4	
				-	-	
	Answer Keys Scanned:			Display scanned image		
	Question	Question Tag	Score	Response		
	Section 1 1. IDNo	P01_IDNo	0	Score [Factor=1, Wrong=0, Missing=0, Multiple=0]	(1 MB)	
	Section 2			Score [Factor=1, Wrong=0, Missing=0, Multiple=0]		
	1. MC_1 2. MC 2		1	2 - B * - <multiple></multiple>	(s):	1
	3. MC_3		1	3-C		0
	4. MC_4	P01_MC_4	1	2 · B	h(s):	201
	5. MC_5		1	* - <multiple></multiple>	n(s):	200
	6. MC_6 7. MC_7		1	4 · D 3 · C	_	
	8. MC 8		1	3-C		0
	9. MC_9		1			0
	10. MC_10		1			0
	11. MC_11		1		_	ŏ
	12. MC_12 13. MC_13		1 1		-	Ų
	14. MC_14		1			0
	15. MC_15		1			
	16. MC_16		1			0
	17. MC_17		1		_	0
	18. MC_18 19. MC_19		1			
	20. MC 20		1		=s) :	0
	21. MC_21		1		-	

- 4. Modify Answer
 - -From Test pull-down menu, select and click Test editor

-Select Question Tab

-Click "+" sign to expand section 2

-Double click on question with multiple answers. Change from 0 to 1 in the score column to the correct answers & click OK

- Below picture indicate that C & E are correct answers for Question 2

Test Projet Itse_dr Action Concellors Indiffy Image: Concellors Image: Concellors Image: Concenter Image: Concelloreconcellor
Action Question State Modify Image: Concercity Revisition No. 2 mode Question Tag. PTI_MC_2 Image: Concercity Revisition No. 2 mode Question Tag. PTI_MC_2 (1) Image: Concercity Revisition No. 2 mode Question Tag. PTI_MC_2 (1) (1) Image: Concercity Revisition No. 2 mode Question Tag. PTI_MC_2 (1) (1

-Apply same to other questions with multiple answers.

-After correcting all questions, remember to click save icon under Test Editor. -Click OK and quit to main menu

5. Proceed onward steps from Scan Forms, create reports and export data

Examples:

Output with Choice Description

1	respondent_id	P01_IDNo	P01_MC_1	P01_MC_2	P01_MC_3	P01_MC_4	P01_MC_5	P01_MC_6	P01_MC_7	P01_MC_8	TotalScore	CorrectPercentage
2	MC(Answer)		В	*	С	В	A	D	С	С		
3	0000000001	20112233	С	В	С	D	С	В	D	D	1	12.5
4	0000000002	20156677	D	D	С	С	В	С	D	С	2	25
5	0000000003	20152211	В	A	С	С	В	D	D	D	3	37.5
6	0000000004	20145588	В	D	A	E	E	С	С	С	3	37.5
7	0000000005	20113456	A	В	С	D	E	D	D	С	3	37.5

Output with Choice ID

1	respondent_P01_IDN	> P01_MC_1	P01_MC_2	P01_MC_3	P01_MC_4	P01_MC_5	P01_MC_6	P01_MC_7	P01_MC_8	TotalScore	CorrectPercentage
2	MC(Answer)	2	*	3	2	1	4	3	3		
3	0000000001 20112233	3	2	3	4	3	2	4	4	1	12.5
4	0000000002 20156677	4	4	3	3	2	3	4	3	2	25
5	0000000003 20152211	2	1	3	3	2	4	4	4	3	37.5
6	0000000004 20145588	2	4	1	5	5	3	3	3	3	37.5
7	0000000005 20113456	1	2	3	4	5	4	4	3	3	37.5

Output with Score

1	respondent_ic	P01_IDNo	P01_M	IC_1 P01_I	MC_2 P01_MC	_3 P01_MC_4	P01_MC_5	P01_MC_6	P01_MC_7	P01_MC_8	TotalScore	CorrectPercentage
2	MC(Answer)		2	3,5	3	2	1	4	3	3		13
3	0000000001	20112233	0	0	1	0	0	0	0	0	1	12.5
4	0000000002	20156677	0	0	1	0	0	0	0	1	2	25
5	0000000003	20152211	1	0	1	0	0	1	0	0	3	37.5
6	0000000004	20145588	1	0	0	0	0	0	1	1	3	37.5
7	0000000005	20113456	0	0	1	0	0	1	0	1	3	37.5
~		1			1		1.000				5.492	

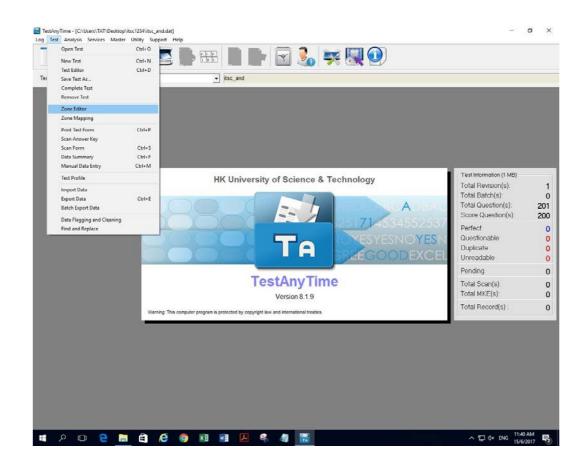
Test Question Analysis Report

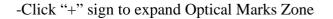
												06	23_	or (Revi	sior	1)					
-								-				. Analysi				-tione D					
								1	lest	Jues	uon	s Analysi	5-3	sort the	Que	stions E	y R	ecora U	rae	ſ	
	No. of Qu	uestion = 8																			
1		andidate = 5																			
_																					
				Acc	curacy (%	6) of Ai	nswer						C	hoice Dis	tribu	tion					
	Section	Question	Cor	rect	Inco	rrect	Missir	ng	1	4		В		с		D		E		F	Model Answe
	2	1	2	(40.0%)	3 (60.0)	0	0.0	%)	1	20.0 %)	2	40.0 %)	1	20.0 %)	1	20.0 %)	0	0.0 %)	Choice : B
	2	2	0	(0.0%)	0 (0.0.)	0	0.0	%)	1	20.0 %)	2	40.0 %)	0	0.0 %)	2	40.0 %)	0	0.0 %)	Invalid Model Answ
	2	3	4	(80.0%)	1 (20.0 .)	0	0.0	%)	1	20.0 %)	0	0.0 %)	4	80.0 %)	0	0.0 %)	0	0.0 %)	Choice : C
	2	4	0	(0.0%)	5 (100.0)	0	0.0	%)	0	0.0 %)	0	0.0 %)	2	40.0 %)	2	40.0 %)	1	20.0 %)	Choice : B
	2	5	0	(0.0%)	5 (100.0)	0	0.0	%)	0	0.0 %)	2	40.0 %)	1	20.0 %)	0	0.0 %)	2	40.0 %)	Choice : A
	2	6	2	(40.0%)	3 (60.0)	0	0.0	%)	0	0.0 %)	1	20.0 %)	2	40.0 %)	2	40.0 %)	0	0.0 %)	Choice : D
	2	7	1	(20.0%)	4 (80.0)	0	0.0	%)	0	0.0 %)	0	0.0 %)	1	20.0 %)	4	80.0 %)	0	0.0 %)	Choice : C
	2	8	3	(60.0%)	2 (40.0)	0	0.0	%)	0	0.0 %)	0	0.0 %)	3	60.0 %)	2	40.0 %)	0	0.0 %)	Choice : C
1		Average :	1.5	1	30.0%)	2.9 (57.5)	0.0	0.0	%)											

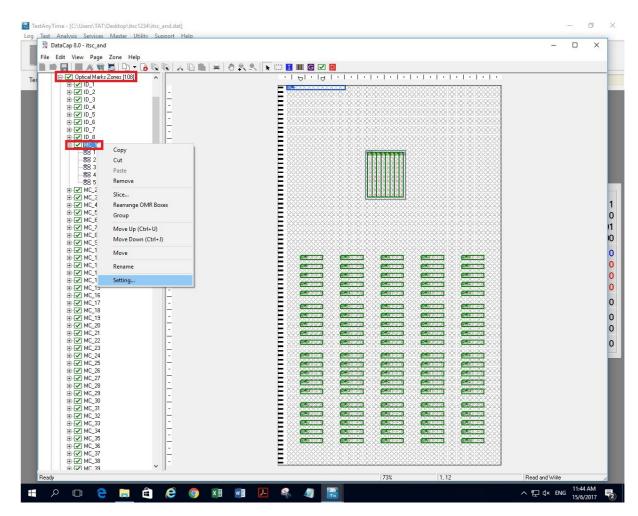
L. Question with Multiple Answers (AND Condition)

Remember to define Zone Image and Test Editor before scanning Answer Key

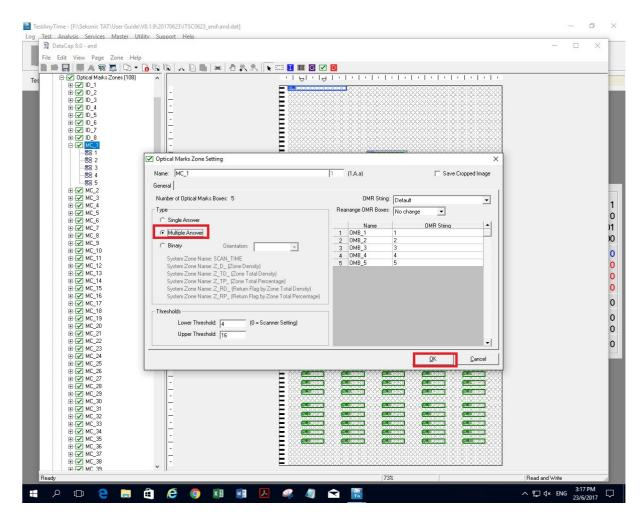
- 1. Open Template and create your own project/working directory same as stated in Section D.
- 2. Configure Zone Image (define question with multiple answers)From Test pull-down menu, select and click Zone Editor





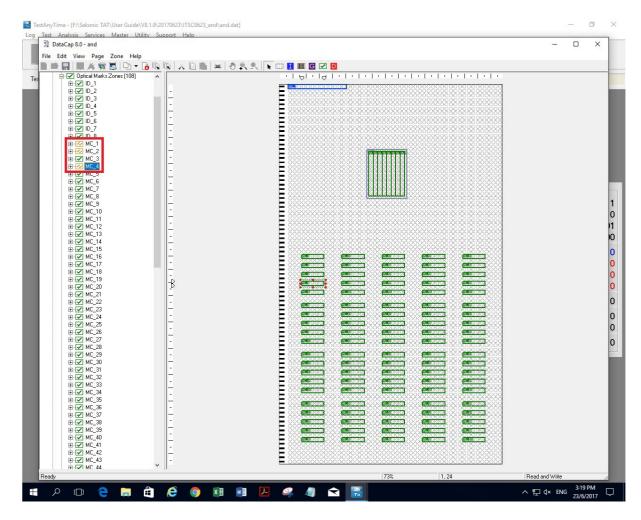


-Right click the question you want to change (eg. MC_1). Click Setting. -Change to multiple Answer and click OK.



-Do same settings to other questions.

-Checked and confirmed that questions are marked with double ticks.



-Quit application and click Yes to save it -Click NO when ask to rebuild question.

3. Configure Test Editor

-From Test pull-down menu, select and click Test editor

-Select Question Tab

-Click "+" sign to expand section 2

-Double click on question with multiple answers.

-Under Question Type: select Multiple Choice (Multiple Answer)

-Under Question Style: change to NO-PARTIAL-SCORE

-Click OK.

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-Do this for other questions.

-After finished all the questions, Save it by clicking the save icon.

- Click OK. Quit Test Editor and go back to the main menu.

4. Scan Answer Key (Section E)

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Thojeet					_	-
	🎽 Scan Answer Key				×	
	Scan Answer Key					
	You can scan answer forms to update the answer keys				-	
	Answer Keys Scanned:			Display scanned image	_	
	Question	Question Tag	Score	Response		
	Section 1			Score [Factor=1, Wrong=0, Missing=0, Multiple=0]		
	1. IDNo Section 2	P01_IDNo	0	Score [Factor=1, Wrong=0, Missing=0, Multiple=0]	(1 ME	3)
	1. MC_1	P01_MC_1		11000	(s):	
	2. MC_2	P01_MC_2	1	00110		
	3. MC_3	P01_MC_3		5-E		
	4. MC_4 5. MC_5	P01_MC_4 P01_MC_5		11001 3 · C	n(s):	
	5. ML_5 6. ML_6	P01_MC_5 P01_MC_6	1	3-L		:
	7. MC_7	P01_MC_7	1			
	8. MC_8	P01_MC_8	1			
	9. MC_9	P01_MC_9	1			
	10. MC_10	P01_MC_10	1			
	11. MC_11 12. MC_12	P01_MC_11 P01_MC_12	1			
	13. MC_13	P01_MC_12	1			
	14. MC_14	P01_MC_14	1			
	15. MC_15	P01_MC_15	1			
	16. MC_16	P01_MC_16	1			
	17. MC_17 18. MC_18	P01_MC_17 P01_MC_18	1			
	19. MC_19	P01_MC_19	1		5):	
	20. MC_20	P01_MC_20	1		p).	
	21. MC_21	P01_MC_21	1		•	

5. Proceed to scan forms and sequent steps.

Examples:

Output with Choice Description	Output	with	Choice	Descr	iptior
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respondent_id	P01_IDNo	P01_MC_1	P01_MC_2	P01_MC_3	P01_MC_4	P01_MC_5	TotalScore	CorrectPercentage
MC(Answer)	0.000	AB	C,D	E	A.B,E	С		(T)
0000000001	20011111	AB	C,D	E	A,B,E	С	5	100
0000000002	20171771	AC	C,D	В	A,B,E	В	2	40
0000000003	20166789	В	C,D	E	B,C	С	3	60
0000000004	20155678	A.B.C	C,D	E	B,E	С	3	60
0000000005	20144567	AB	C,D	E	D,E	С	4	80
	MC(Answer) 0000000001 0000000002 0000000003 0000000004	0000000001 20011111 0000000002 20171771 0000000003 20166789 0000000004 20155678	MC(Answer) A,B 0000000001 20011111 A,B 0000000002 20171771 A,C 0000000003 20166789 B 0000000004 20155678 A,B,C	MC(Answer) A.B C.D 000000001 20011111 A.B C,D 000000002 20171771 A.C C,D 0000000002 20171771 A.C C,D 0000000003 20166789 B C,D 0000000004 20155678 A.B.C C,D	MC(Answer) A.B C.D E 0000000001 20011111 A.B C,D E 0000000002 20171771 A.C C,D B 0000000003 20166789 B C,D E 0000000004 20155678 A.B.C C,D E	MC(Answer) A,B C,D E A,B,E 0000000001 20011111 A,B C,D E A,B,E 0000000001 20011111 A,B C,D E A,B,E 0000000002 20171771 A,C C,D B A,B,E 0000000003 20166789 B C,D E B,C 0000000004 20155678 A,B,C C,D E B,E	MC(Answer) A.B. C.D. E A.B.E. C 0000000001 20011111 A.B. C.D. E A.B.E. C 0000000001 20011111 A.B. C.D. E A.B.E. C 0000000002 20171771 A.C. C.D. B A.B.E. B 0000000003 20166789 B C.D. E B.C. C 0000000004 20155678 A.B.C. C.D. E B.E. C	MC(Answer) AB C,D E ABE C 0000000001 20011111 AB C,D E ABE C 5 0000000002 20171771 A.C C,D B ABE B 2 0000000003 20166789 B C,D E B,C C 3 0000000004 20155678 AB,C C,D E B,E C 3

Output with Choice ID

1	respondent_id	P01_IDNo	P01_MC_1	P01_MC_2	P01_MC_3	P01_MC_4	P01_MC_5	TotalScore	CorrectPercentage
2	MC(Answer)		1,2	3,4	5	1,2,5	3		
3	0000000001	20011111	11000	00110	5	11001	3	5	100
4	0000000002	20171771	10100	00110	2	11001	2	2	40
5	0000000003	20166789	01000	00110	5	01100	3	3	60
6	0000000004	20155678	11100	00110	5	01001	3	3	60
7	0000000005	20144567	11000	00110	5	00011	3	4	80

Output with Score

			-		_				
1	respondent_id	P01_IDNo	P01_MC_1	P01_MC_2	P01_MC_3	P01_MC_4	P01_MC_5	TotalScore	CorrectPercentage
2	MC(Answer)		1,2	3,4	5	1,2,5	3		
3	0000000001	20011111	1	1	1	1	1	5	100
4	0000000002	20171771	0	1	0	1	0	2	40
5	0000000003	20166789	0	1	1	0	1	3	60
6	0000000004	20155678	0	1	1	0	1	3	60
7	0000000005	20144567	1	1	1	0	1	4	80
100									