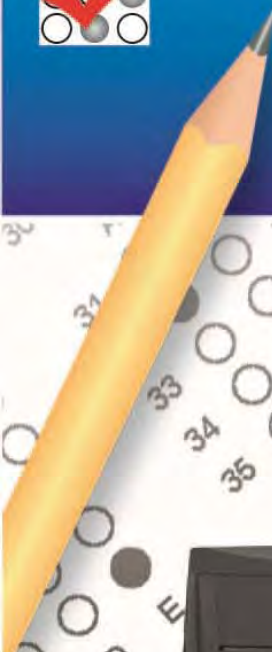





# WAC OMR

## Optical Mark Recognition Solution

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- Job examination
  - Assessment
  - Academy/ tutor test
  - Survey/ questionnaire
  - Registration
  - Test center/ training center
  - Purchase order form
  - Ballot Checking

## All in One Optical Recognition Solution

- User-friendly and low cost maintenance.
- Easy & economy
  - No need expensive OMR scanner. Use ADF scanner or multifunction
  - No need special answer sheet. You can print out on A4/ A5 paper by yourself.
- 100% Accuracy
- Hi-Speed 2,400 sheets/ hr.
- Flexible.
  - Design your own answer sheet
  - Export data to other analysis application.
  - Support A4, A5 and double-sided answer sheet.
- Save time and cost for checking. No need to manual checking.
- Free! ABBYY 9, Thai OCR, convert document image file to be editable file format e.g., Word, Excel, Searchable PDF.



# Sample answer sheet in software : A5 front-rear side

## Logo

Please write clearly with 2B pencil and erase any changes completely.

Subject.....				
Name-Surname.....				
Class.....				
Date.....				
Signature..... <small>(Student)</small>		Signature..... <small>(Teacher)</small>		

Subj. ID			Student ID							
0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9

A	B	C	D	E	A	B	C	D	E	A	B	C	D	E			
1	1	2	3	4	5	21	1	2	3	4	5	41	1	2	3	4	5
2	1	2	3	4	5	22	1	2	3	4	5	42	1	2	3	4	5
3	1	2	3	4	5	23	1	2	3	4	5	43	1	2	3	4	5
4	1	2	3	4	5	24	1	2	3	4	5	44	1	2	3	4	5
5	1	2	3	4	5	25	1	2	3	4	5	45	1	2	3	4	5
6	1	2	3	4	5	26	1	2	3	4	5	46	1	2	3	4	5
7	1	2	3	4	5	27	1	2	3	4	5	47	1	2	3	4	5
8	1	2	3	4	5	28	1	2	3	4	5	48	1	2	3	4	5
9	1	2	3	4	5	29	1	2	3	4	5	49	1	2	3	4	5
10	1	2	3	4	5	30	1	2	3	4	5	50	1	2	3	4	5
11	1	2	3	4	5	31	1	2	3	4	5	51	1	2	3	4	5
12	1	2	3	4	5	32	1	2	3	4	5	52	1	2	3	4	5
13	1	2	3	4	5	33	1	2	3	4	5	53	1	2	3	4	5
14	1	2	3	4	5	34	1	2	3	4	5	54	1	2	3	4	5
15	1	2	3	4	5	35	1	2	3	4	5	55	1	2	3	4	5
16	1	2	3	4	5	36	1	2	3	4	5	56	1	2	3	4	5
17	1	2	3	4	5	37	1	2	3	4	5	57	1	2	3	4	5
18	1	2	3	4	5	38	1	2	3	4	5	58	1	2	3	4	5
19	1	2	3	4	5	39	1	2	3	4	5	59	1	2	3	4	5
20	1	2	3	4	5	40	1	2	3	4	5	60	1	2	3	4	5

Please write clearly with 2B pencil and erase any changes completely.

A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E				
61	1	2	3	4	5	81	1	2	3	4	5	101	1	2	3	4	5	121	1	2	3	4	5
62	1	2	3	4	5	82	1	2	3	4	5	102	1	2	3	4	5	122	1	2	3	4	5
63	1	2	3	4	5	83	1	2	3	4	5	103	1	2	3	4	5	123	1	2	3	4	5
64	1	2	3	4	5	84	1	2	3	4	5	104	1	2	3	4	5	124	1	2	3	4	5
65	1	2	3	4	5	85	1	2	3	4	5	105	1	2	3	4	5	125	1	2	3	4	5
66	1	2	3	4	5	86	1	2	3	4	5	106	1	2	3	4	5	126	1	2	3	4	5
67	1	2	3	4	5	87	1	2	3	4	5	107	1	2	3	4	5	127	1	2	3	4	5
68	1	2	3	4	5	88	1	2	3	4	5	108	1	2	3	4	5	128	1	2	3	4	5
69	1	2	3	4	5	89	1	2	3	4	5	109	1	2	3	4	5	129	1	2	3	4	5
70	1	2	3	4	5	90	1	2	3	4	5	110	1	2	3	4	5	130	1	2	3	4	5
71	1	2	3	4	5	91	1	2	3	4	5	111	1	2	3	4	5	131	1	2	3	4	5
72	1	2	3	4	5	92	1	2	3	4	5	112	1	2	3	4	5	132	1	2	3	4	5
73	1	2	3	4	5	93	1	2	3	4	5	113	1	2	3	4	5	133	1	2	3	4	5
74	1	2	3	4	5	94	1	2	3	4	5	114	1	2	3	4	5	134	1	2	3	4	5
75	1	2	3	4	5	95	1	2	3	4	5	115	1	2	3	4	5	135	1	2	3	4	5
76	1	2	3	4	5	96	1	2	3	4	5	116	1	2	3	4	5	136	1	2	3	4	5
77	1	2	3	4	5	97	1	2	3	4	5	117	1	2	3	4	5	137	1	2	3	4	5
78	1	2	3	4	5	98	1	2	3	4	5	118	1	2	3	4	5	138	1	2	3	4	5
79	1	2	3	4	5	99	1	2	3	4	5	119	1	2	3	4	5	139	1	2	3	4	5
80	1	2	3	4	5	100	1	2	3	4	5	120	1	2	3	4	5	140	1	2	3	4	5



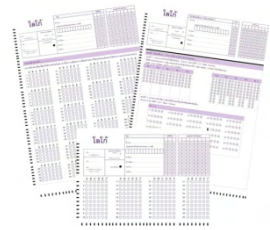
Create your own design answer sheet by Word, Excel, Visio, etc.

Scan with any ADF scanner

Score, grade and test analysis

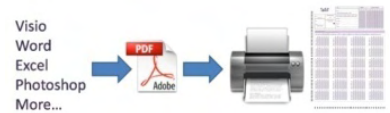
## Design your own answer sheet form

- You can design your own style answer sheet by Word, Excel, Visio, Illustrator, Photoshop, etc. or use standard form in software (A4, A5)
- Or use default answer sheet, able to add logo and name in the sheet by yourself.
- Support duplex answer sheet.



## No need special paper

- No need to buy expensive preprinted answer sheet forms, you can print answer sheet form on normal paper (80 g) by normal laser printer.
- Able to print in-house as quantity that you require.



## Writing equipment

- Both pen and pencil, pencil 2B is recommended.



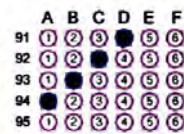
## Fast scan and OMR process, User-Friendly

- Scan with Plustek PS406U.
- User-friendly, WAC OMR will collect all student response and give you all data you need.
- High speed processing 1200-2,400 pages/ hr. at A4, 2,400-4,000 pages/hr. at A5
- Just simply scanning, WAC OMR gives the test result and all statistic that you want.



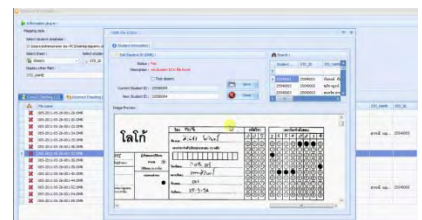
## 100% Accuracy

- 100% accuracy, WAC OMR can check which bubble is mark or not.



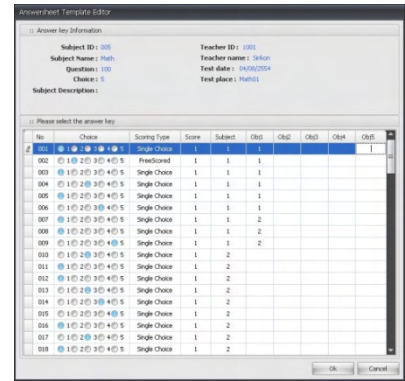
## Import and verify student ID.

- Import student list from excel file.
- Verify student ID in answer sheet that match with in excel file.
- Search and edit student ID.



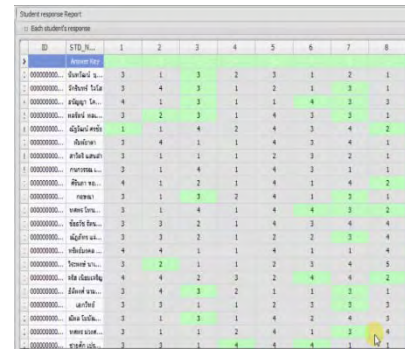
# Support variety of answer key condition.

- You can specify correct answer and score for each;
  - Single choice, Multi-Choice, Free score.
  - Different score for each response. Free score for incorrect answer key.
- You can specify answer key, test objectives, score for each response and other grading information for your test. WAC OMR will use these information to grade test automatically.
- Support test with Single Choice, Multi-Choice, Free Score condition.



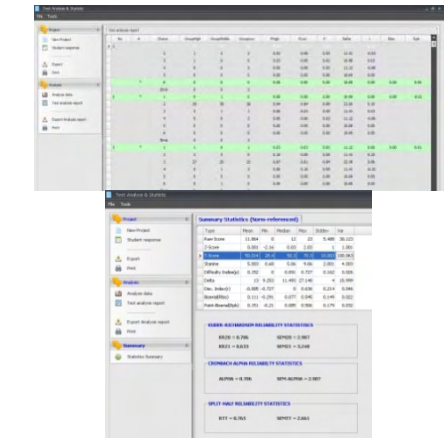
# Score Analysis

- Show student response for each question; correct, incorrect, not mark or mark more 2 bubbles.
- Support criteria reference evaluation / Norm reference evaluation.
- Total students that has correct response in each question.
- Report score and test statistic
  - Total questions, Total score, Total score for each student.
  - Ranking, Grade
  - Percentile, Quartile, Z-Score, T-Score, Stannie



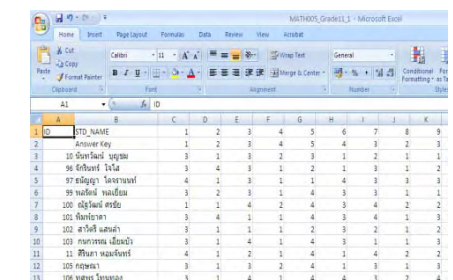
# Test Analysis

- Group high, Group Middle, Group Low
- P, PHigh, Plow (Difficulty)
- R, Point biserial correction, Biserial correction, Delta (Discriminator)
- Min, Mean, Median, Max, Variance, Standard deviation
- Kuder Richardson reliability statistic
- Cronbach alpha reliability statistic
- Split half reliability statistic



# Export data

- Export data to text and csv file in order to other analysis software e.g., SPSS.
- Export both raw data and evaluated data.



# System requirements

- Support OS – Win XP, Vista, 7, 2003 Server, 2008 Server.
- CPU Core I5 or upper
- RAM 2 GHz
- Hard disk 200 MB or upper

WAC RESEARCH CO.,LTD.

9 Soi Ladpraowanghin 33, Ladpraowanghin Rd., Ladprao, Ladprao, Bangkok, Thailand 10230

Tel.025303809-10, 025399352, 025381038 Fax.025383098

E-mail.sales@wacinfotech.com Website : www.wacinfotech.com