Mark Scheme (Results)

June 2008

GCSE ICT (3185.2H)

General Marking Guidance

- All candidates must receive the same treatment. Examiners must mark the first candidate in exactly the same way as they mark the last.

- Mark schemes should be applied positively. Candidates must be rewarded for what they have shown they can do rather than penalised for omissions.

- Examiners should mark according to the mark scheme not according to their perception of where the grade boundaries may lie.

- There is no ceiling on achievement. All marks on the mark scheme should be used appropriately.

- All the marks on the mark scheme are designed to be awarded. Examiners should always award full marks if deserved, i.e. if the answer matches the mark scheme. Examiners should also be prepared to award zero marks if the candidate's response is not worthy of credit according to the mark scheme.

- Where some judgement is required, mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.

- When examiners are in doubt regarding the application of the mark scheme to a candidate's response, the team leader must be consulted.

- Crossed out work should be marked UNLESS the candidate has replaced it with an alternative response.

Section A 1185.2H/3185.2H		
Question Number	Answer	Mark
1	B	1

Question Number	Answer	Mark
2	A	1

Question Number	Answer	Mark
3	D	1

Question Number	Answer	Mark
4	A	1

Question Number	Answer	Mark
5	C	1

Question Number	Answer	Mark
6	B	1

Question Number	Answer	Mark
7	C	1

Question Number	Answer	Mark
8	C	1

Question Number	Answer	Mark
9	C	1

Question Number	Answer	Mark
10	A	1

Question Number	Answer	Mark
11	A	1

Question Number	Answer	Mark
12	D	1

Question Number	Answer	Mark
13	B	1

Question Number	Answer	Mark
14	D	1

Question Number	Answer	Mark
15	B	1

Question Number	Answer	Mark
16	C	1

Question Number	Answer	Mark
17	B	1

Question Number	Answer	Mark
18	A	1

Question Number	Answer	Mark
19	A	1

Question Number	Answer	Mark
20	D	1

Question Number	Answer	Mark
1 (a)(i)	Member ID / Member number / ID / ID number / unique number **Do not accept** if other field names are included in response	1

Question Number	Answer	Mark
1 (a)(ii)	Magnetic stripe / magnetic strip / microchip / chip **Do not accept** magnetic stripe reader /magnetic bit / magnetic tape / black strip	1

Question Number	Answer	Mark
1 (a)(iii)	Date of visit / Last Visit / date (day) and time **Accept** if also give class attending **Do not accept** if other field headings from the database shown are also given **Do not accept** date **unless** last visit is also given	1

Question Number	Answer	Mark
1 (b)	OR replace with AND (1) All of remaining text copied correctly (1) **Accept** the equal sign =	2

Question Number	Answer	Mark
1 (c)(i)	Check by software / computer (1) On data entry (1) To make sure data is acceptable / sensible / reasonable / of the right type (1) **Accept** a good explanation as an example **Do not accept** valid / correct	2

Question Number	Answer	Mark
1 (c)(ii)	Length check, 4 characters (1,1) Range check, 0000 / 0001 - 9999 (1,1) Type check, all numbers (1,1) Presence check, to check a number is entered (1,1) Look up check, to check that a number exists in database (1,1)	2

Question Number	Answer	Mark
1 (d)	Extreme, 0000 / 0001 or 9999 (1,1) Typical / normal / sensible / valid, any value 1 to 9998 (1,1) Invalid/ erroneous, any text / >9999 (1,1) **Accept** incorrect only with sensible example	6

Question Number	Answer	Mark

1 (e)(i)	Flat file Single table /file /data set (1)
	               Duplicate information on each record (1)
	               Takes a long time to enter / edit data (1)
	
	Relational Many tables / files / data sets (1)
	               Linked together (1)
	               Create relationship (1)
	               Less duplication of data (1)
	               Faster to add / edit data (1)
	               Faster sort / search (1)
	               Foreign field needed (1)
	               Use primary key to link to 2nd table (1)
		3

Question Number	Answer	Mark
1 (e)(ii)	Unique identifier (1) Uniquely find a record in a table (1) Used to create an index for faster access (1) Primary key on 1st table (1) Foreign key on 2nd table (1) Used to link table (1)	2

Question Number	Answer	Mark
2 (a)	For identifying the need to search for members who have not attended a studio for more than one month (1) Use word processor / dtp / database report to produce a letter (1) Standard letter/ template (1) Insert / select – fields / tags / pointers / markers **NOT** gaps (1) For variable / personal data (accept examples)(1) Data source DB / SS (1) MEMBERS file (1) Merge data source and word processor / Merge fields (1) Mail merge (1) QWC Reasonable English (1) / Good English (2) **1 mark** for 2 technical terms, spelt correctly, from: mail merge /merging Spreadsheet / database Word Processing / dtp / desk top publishing Standard letter / template	6 QWC 3

Question Number	Answer	Mark
2 (b)(i)	Import / Insert - Clip art / graphics / images / photos /files (1) Manipulate text and graphics (1) Columns (1) Frames / text boxes (1) Text wrap (1) Text flow (1) Backgrounds (1) Borders (1) View whole page (1) Printer friendly view (by default) (1) Colour separated print files (1) Allow the following as this is a different question to 1185 and 3185 2F paper Templates (1) Pages in booklet readily available (1)	3

Question Number	Answer	Mark
2 (b)(ii)	Don't have to print multiple copies / saves paper (1) Reduce number of queries (1) Saves time in distribution (1) Don't have to pay postage (1) May attract non members (1) Easy to update / edit (1) Reduces company's carbon foot print (1)	2

Question Number	Answer	Mark
3 (a)(i)	B5/(C5*C5) (2) B5/C5/C5 (2) Sum(B5/(C5*C5)) (2) Sum(B5/C5/C5) (2) B5/(POWER(C5,2)) (2) B5/C5 ↑ 2 (2) B5/C5 ^2 (2)	2

Question Number	Answer	Mark
3 (a)(ii)	Lookup / v lookup / h lookup (1) If statement (1)	2

Question Number	Answer	Mark
3 (b)(i)	**In application software:** Select create new macro (1) Name / allocate key strokes (1) Record (1) Set of key strokes / actions taken / carry out task (1) Stop recording (1) **In visual basic:** Open visual basic (1) Name macro (1) Write sub routine / code (1) Save (1) Allocate key combination (1) **Do not accept** if order is illogical	3

Question Number	Answer	Mark
3 (b)(ii)	Button (1) Icon on tool bar (1) From drop down menu (1) Key combination (1) Select macro & run (1) Set to run to response to an event (1) Call from another application (1)	2