MARK SCHEME for the May/June 2011 question paper
for the guidance of teachers

9713 APPLIED ICT
9713/02 Paper 2 (Practical Test A), maximum raw mark 120

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners’ meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes must be read in conjunction with the question papers and the report on the examination.

- Cambridge will not enter into discussions or correspondence in connection with these mark schemes.

Cambridge is publishing the mark schemes for the May/June 2011 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.
### Mark Scheme: Teachers’ version

<table>
<thead>
<tr>
<th>Syllabus</th>
<th>Paper</th>
</tr>
</thead>
<tbody>
<tr>
<td>9713</td>
<td>02</td>
</tr>
</tbody>
</table>

#### 9713 – June 2011

**AS Level – Paper 2 – Practical Test**

No marks to be awarded for any printout not containing the candidate name, candidate number and centre number.
Step 2

Candidate name, centre number and candidate number

Table created
Appropriate table & field names 2 marks
Field types (1 mark per field) 6 marks
Primary key correct 1 mark

A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
9713 – June 2011
AS Level – Paper 2 – Practical Test

Table created
Appropriate table & field names 2 marks
Field types (1 mark per field) 4 marks
Primary key correct 1 mark

No marks to be awarded for any printout not containing the candidate name,
candidate number and centre number

A field name can be up to 64 characters long, including spaces. Press F1 for help on field
names.
Candidate name, centre number and candidate number

Table created
Appropriate table & field names 2 marks
Field types (1 mark per field) 3 marks
Primary key assigned to Artist_ID 1 mark
Candidate name, centre number and candidate number

Table created
Appropriate table & field names 2 marks
Field types (1 mark per field) 7 marks
Primary key assigned to Album_ID 1 mark

Correct fields 1 mark
One-to-many 1 mark
<table>
<thead>
<tr>
<th>Correct fields</th>
<th>Marks</th>
<th>Relationship Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>One-to-many</td>
<td>2</td>
<td>One-To-Many</td>
</tr>
<tr>
<td>One-to-one</td>
<td>2</td>
<td>One-To-One</td>
</tr>
</tbody>
</table>

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Candidate name, centre number and candidate number

Correct field 1 mark
>=1/1/1900 1 mark
AND 1 mark
<1/1/2012 1 mark
Appropriate text 1 mark
Including parameters 1 mark
## Testing the data entered is valid:

<table>
<thead>
<tr>
<th>Data chosen</th>
<th>Type of test data</th>
<th>Expected outcome</th>
<th>Actual outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td>e.g. 2/2/2002</td>
<td>Normal</td>
<td>Works</td>
<td>Works</td>
</tr>
<tr>
<td>e.g. 1/1/900 OR Invalid data type</td>
<td>Abnormal</td>
<td>Error message</td>
<td></td>
</tr>
<tr>
<td>1/1/1900 OR 31/12/2011 Allow US date format</td>
<td>Extreme</td>
<td>Works</td>
<td>Works</td>
</tr>
</tbody>
</table>

### Normal data
- Correct example: 1 mark
- Expected to work: 1 mark
- Works: 1 mark

### Abnormal data
- Correct example: 1 mark
- Expected to be rejected: 1 mark
- Rejected: 1 mark

### Extreme data
- Correct example: 1 mark
- Expected to work: 1 mark
- Works: 1 mark
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Avail_1</th>
<th>Avail_2</th>
<th>Avail_3</th>
<th>Price_1</th>
<th>Price_2</th>
<th>Price_3</th>
<th>Ave_Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Sabbath</td>
<td>We Sold Our Soul For Rock And Roll</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>£7.99</td>
<td>£7.99</td>
<td>£7.99</td>
<td>£7.99</td>
</tr>
<tr>
<td></td>
<td>Paranoid</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>£6.99</td>
<td>£7.99</td>
<td>£7.99</td>
<td>£7.66</td>
</tr>
<tr>
<td></td>
<td>Master of Reality</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>£7.99</td>
<td>£6.99</td>
<td>£7.99</td>
<td>£7.66</td>
</tr>
<tr>
<td></td>
<td>Born Again</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>£7.99</td>
<td>£7.99</td>
<td>£7.99</td>
<td>£7.99</td>
</tr>
<tr>
<td></td>
<td>Mob Rules</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>£7.99</td>
<td>£7.99</td>
<td>£7.99</td>
<td>£7.99</td>
</tr>
<tr>
<td></td>
<td>Greatest Hits</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>£8.49</td>
<td>£8.99</td>
<td>£6.99</td>
<td>£8.16</td>
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<tr>
<td></td>
<td>Technical Ecstacy</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>£7.99</td>
<td>£8.99</td>
<td>£7.99</td>
<td>£8.32</td>
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<tr>
<td></td>
<td>Vol 4</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>£8.49</td>
<td>£7.99</td>
<td>£7.99</td>
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<td>£7.88</td>
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<tr>
<td>Iron Maiden</td>
<td>Killers</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>£7.99</td>
<td>£7.99</td>
<td>£7.99</td>
<td>£7.99</td>
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<tr>
<td></td>
<td>Somewhere back in time</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>£7.99</td>
<td>£7.99</td>
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<tr>
<td></td>
<td>Flight 666</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>£6.99</td>
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<tr>
<td></td>
<td>Fear of the Dark</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>£8.49</td>
<td>£7.99</td>
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<td>£8.32</td>
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<tr>
<td></td>
<td>Number of the beast</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>£6.99</td>
<td>£7.99</td>
<td>£4.99</td>
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<tr>
<td></td>
<td>Brave New World</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>£7.99</td>
<td>£7.99</td>
<td>£7.99</td>
<td>£7.99</td>
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<td>Status Quo</td>
<td>Pictures</td>
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<td>Yes</td>
<td>Yes</td>
<td>£7.99</td>
<td>£7.99</td>
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</tbody>
</table>

**Notes:**
- **Search:** 3 groups only & available on all sites 1 mark
- **Calendar:** 1 mark
- **Header:** Title & candidate details 1 mark
- **Correct fields:** Title, 3 avail, 3 price 1 mark
- **Calculated field:** Field name 1 mark, Correct calculation 2 marks, 2dp and £ sterling 1 mark
- **Availability fields:** Yes/No format 1 mark, Grouped by name 1 mark, Grouped averages 1 mark
Step 16

Content (K & U) – Maximum 30 marks

Content:

Fact or opinion
on each web page  4 marks
evidence of this  4 marks

Bias
on each web page  4 marks
evidence of this  4 marks

Reliability
on each web page  4 marks
evidence of this  4 marks

Currency
on each web page  4 marks
evidence of this  4 marks

Accuracy
on each web page  4 marks
evidence of this  4 marks

Suitability for audience
on each web page  4 marks
evidence of this  4 marks

Selection
Which page would be used  1 mark
& summary of reasons for this choice  1 mark

Max 30 from 50 potential marks
Practical skills – Maximum 20 marks

These practical skills will only be awarded marks if there are more than 200 words present.

Page
A4 1 mark
Portrait 1 mark
Left, right and bottom margins 2 cm and top margin 6 cm 1 mark
2 columns 1 mark
2 cm gap between columns 1 mark

Header
Rock ICT logo on all pages 1 mark
3 cm high & aspect ratio 1 mark
Left align to margin 1 mark
1.5 cm whitespace between text and logo 1 mark
Name & Nos
    right aligned 1 mark
    10 point 1 mark
    sans-serif 1 mark

Footer
Automated file name on left 1 mark
Automated page numbering on right 1 mark
Total number of pages on right 1 mark

Body style for text
12 points 1 mark
Double line spacing 1 mark
Sans-serif font 1 mark
Fully justified 1 mark
Applied to all text (ignore title) 1 mark