

PSCC Computer Studies
Common Assessment Task 4 - Database
Marking Schedule

Database Construction

The following listings give the correct answers in the files named CAT4, and ANSWER2 to ANSWER9.

- | Activity | Mark |
|---|------|
| 1. The existence of the file CAT4 on the disk may be taken as evidence that the file has been constructed and saved as instructed. | 1 |
| 2. CAT4 listing:
All fields must be in the listing and the records MUST contain the correct information for each student.
The order of the Fields and the order of the names in the list are NOT important. (the odd spelling mistake may be ignored) | 1 |

Name	Form	Gender	Boarder	Test1	Test2
Sara	12G	Female	No	82.0	51.0
Obed	12Y	Male	Yes	44.0	73.0
Liz	12Y	Female	Yes	24.0	23.0
Dave	12G	Male	Yes	42.0	33.0
Will	12G	Male	No	25.0	18.0
Ann	12R	Female	Yes	34.0	39.0

- | | |
|---|---|
| 3. Formula Insertion.
The Total field is designed to have all numbers end in the digit 5. Take 1 mark off for each incorrect answer in the Total field. Take 1 mark off if the Total field is shown as a whole number rather than one decimal place. | 2 |
|---|---|

Name	Form	Gender	Boarder	Test1	Test2	Total
Sara	12G	Female	No	82.0	51.0	66.5
Obed	12Y	Male	Yes	44.0	73.0	58.5
Liz	12Y	Female	Yes	24.0	23.0	23.5
Dave	12G	Male	Yes	42.0	33.0	37.5
Will	12G	Male	No	25.0	18.0	21.5
Ann	12R	Female	Yes	34.0	39.0	36.5

- | | |
|--|---|
| 4. Numeric Sort on Total Field
A correct sort will produce the Totals in the order shown. Take off 1 mark for each total that is out of correct sequence. | 2 |
|--|---|

Name	Form	Gender	Boarder	Test1	Test2	Total
Sara	12G	Female	No	82.0	51.0	66.5
Obed	12Y	Male	Yes	44.0	73.0	58.5
Dave	12G	Male	Yes	42.0	33.0	37.5
Ann	12R	Female	Yes	34.0	39.0	36.5
Liz	12Y	Female	Yes	24.0	23.0	23.5
Will	12G	Male	No	25.0	18.0	21.5

- | | |
|--|---|
| 5. Alphabetical sort and query
1 mark for alphabetical sort of Name field | 1 |
| 1 mark for query producing the 3 records shown in any order. | 1 |

Name	Form	Gender	Boarder	Test1	Test2	Total
Dave	12G	Male	Yes	42.0	33.0	37.5
Sara	12G	Female	No	82.0	51.0	66.5
Will	12G	Male	No	25.0	18.0	21.5

6. Report and query using logical AND
 1 mark for listing ONLY name and FORM fields. 1
 2 marks for listing only Dave and Obed in any order (only 1 mark if another name is also listed, and 0 marks if two or more other names are listed.) 2

Name	Form
Obed	12Y
Dave	12G

7. Report and query using logical OR
 1 for listing only NAME, FORM, and TOTAL fields 1
 2 for listing only Liz and Sara in any order. (Only 1 mark if another name is also listed, and 0 marks if two or more other names are listed.) 2

Name	Form	Total
Sara	12G	66.5
Liz	12Y	23.5

8. Editing Records
 1 mark for editing Obed's Test1 score to 51 1
 1 mark for editing Sara to become a boarder. 1

Name	Form	Gender	Boarder	Test1	Test2	Total
Sara	12G	Female	Yes	82.0	51.0	66.5
Obed	12Y	Male	Yes	51.0	73.0	62.5
Dave	12G	Male	Yes	42.0	33.0	37.5
Ann	12R	Female	Yes	34.0	39.0	36.5
Liz	12Y	Female	Yes	24.0	23.0	23.5
Will	12G	Male	No	25.0	18.0	21.5

9. Deleting a record
 Sara's record must NOT be in the list. 1

Name	Form	Gender	Boarder	Test1	Test2	Total
Obed	12Y	Male	Yes	51.0	73.0	62.5
Dave	12G	Male	Yes	42.0	33.0	37.5
Ann	12R	Female	Yes	34.0	39.0	36.5
Liz	12Y	Female	Yes	24.0	23.0	23.5
Will	12G	Male	No	25.0	18.0	21.5

Sub-Total /17