

| <b>Task 1 (A01)</b>  |             |                                     |                             |
|--|-------------|-------------------------------------|-----------------------------|
| <i>Design a relational database to meet the needs of an organisation</i> |             |                                     |                             |
| <b>Level</b>   | <b>Tick</b> | <b>Evidence provided</b>            | <b>Location of Evidence</b> |
| <b>Pass</b>  |             | Explanation of user requirements    |                             |
|  |             | Details of table structures         |                             |
|  |             | Details of primary keys             |                             |
|  |             | Details of field names              |                             |
|  |             | Details of field types and lengths  |                             |
|  |             | Details of relationships            |                             |
|  |             | At least one form template          |                             |
|  |             | Not all choices will be appropriate |                             |
| <b>Merit</b>   |             | Details of combo boxes              |                             |
|  |             | Details of validation rules         |                             |
|  |             | Form templates for each table       |                             |
|  |             | Most choices will be appropriate    |                             |
| <b>Distinction</b>   |             | Details of at least one input mask  |                             |
|  |             | All choices will be appropriate     |                             |

## Task 2 (AO2)

*Construct the database according to the design*

| Level       | Tick | Evidence provided   | Location of Evidence |
|-------------|------|---|----------------------|
| Pass        |      | A functional relational database                          |                      |
|             |      | A minimum of 20 records in each table                     |                      |
|             |      | Form used to enter data to one table                      |                      |
|             |      | Database mostly reflects the design work                  |                      |
| Merit       |      | Forms used to enter appropriate data in each table        |                      |
|             |      | Database reflects the design work undertaken              |                      |
| Distinction |      | Custom forms used to enter appropriate data in each table |                      |
|             |      | Database matches exactly the design work undertaken       |                      |

### Task 3 (AO3)

*Interrogate the database*

| Level       | Tick | Evidence provided                                      | Location of Evidence |
|-------------|------|--|----------------------|
| Pass        |      | Sort on one table                                      |                      |
|             |      | One query using simple criteria                        |                      |
|             |      | One query using multiple criteria on linked tables     |                      |
|             |      | Purpose of queries is described                        |                      |
|             |      | Some queries may not be appropriate                    |                      |
| Merit       |      | A sort on more than one field                          |                      |
|             |      | One query using complex criteria on linked tables      |                      |
|             |      | The range of queries is explained                      |                      |
|             |      | The queries are appropriate                            |                      |
| Distinction |      | A second query using complex criteria on linked tables |                      |
|             |      | Range of queries used is fully justified               |                      |
|             |      | All queries are appropriate                            |                      |

## Task 4 (AO4)

### *Create Reports*

| Level       | Tick | Evidence provided  | Location of Evidence |
|-------------|------|--|----------------------|
| Pass        |      | A report for each sort and query                         |                      |
|             |      | Reports use a range of standard templates                |                      |
| Merit       |      | An appropriate report for each sort and query            |                      |
|             |      | At least one custom report                               |                      |
| Distinction |      | Reports produced are a range of different custom reports |                      |

| <b>Task 5 (A05)</b>            |             |  |                             |
|--------------------------------|-------------|--|-----------------------------|
| <i>Create a user interface</i> |             |  |                             |
| <b>Level</b>                   | <b>Tick</b> | <b>Evidence provided</b>                               | <b>Location of Evidence</b> |
| Pass                           |             | A limited user interface                               |                             |
|                                |             | Gives access to some of the main areas of the database |                             |
| Merit                          |             | A clearly structured user interface                    |                             |
|                                |             | Gives access to the main areas of the database         |                             |
| Distinction                    |             | A fully customized user interface                      |                             |
|                                |             | User interface is easy to use                          |                             |
|                                |             | Gives access to the main areas of the database         |                             |

## Task 6 (A06)

*Test the database*

| Level       | Tick | Evidence provided   | Location of Evidence |
|-------------|------|---|----------------------|
| Pass        |      | Evidence of some testing  |                      |
|             |      | Improvements to the functionality of the database made <b>if</b> issues identified during testing |                      |
| Merit       |      | Evidence of testing most of the main areas of the database  |                      |
|             |      | Improvements to the functionality of the database made <b>if</b> issues identified during testing |                      |
| Distinction |      | Evidence of testing all the main areas of the database  |                      |
|             |      | Improvements to the functionality of the database made <b>if</b> issues identified during testing |                      |