**BUNAMFAN 2022 COMPUTER STUDIES (451/2)**

**MARKING SCHEME**

**QUESTION 1: SPREADSHEET**

|  |  |  |
| --- | --- | --- |
| **Question** | **Area** | **Marks** |
| 1a) | Each row @1mk. Deny 0.5mrk for each mistake  Correct heading  Bolded heading  Wrapped heading @ 0.5  Correct saving (COMPANY1) | 10mks  1mk  1mk  1mk  1mk |
| b i) | Copying  Correct name (COMPANY2) | 0.5mk  0.5mk |
| ii) | Label for Total  Correct formula | 1mk  1mk |
| iii) | Rotating  Correct selection (all headings) | 1mk  1mk |
| iv) | Inserting 12%  Label  Bold  Font 16 | 1mk  1mk  1mk  1mk |
| v) | Inserting  Correct name Sales Commission | 1mk  1mk |
| vi) | Correct formula  Copying | 2mks  1mk |
| C i) | 2 Decimal places Basic pay  2 Decimal places | 1mk  1mk |
| ii) | Remark label  Correct If function  Copying | 2mks  3mks  1mk |
| iii) | Outline border  Inside border  Correct selection | 1mk  1mk  1mk |
| d | Correct label OVERTIME PAY | 1mk |
|  | Correct formula | 1mk |
| e | Total payment label  Formula | 1mk  1mk |
| f | Correct sorting  Correct grouping  Subtotals  Grand total | 1mk  1mk  1mk  1mk |
| g | Printing COMPANY1  Printing COMPANY2  Printing COMPANY2 Formulas | 1mk  1mk  1mk |
| **Total marks** | | **50mks** |

**QUESTION 2: DATABASE**

|  |  |  |
| --- | --- | --- |
| **Question** | **Area** | **Marks** |
| **2a)** | Correct database name | 2mks |
| **b** | Each correct fieldname @1mk  Each correct data type @1mk  Correct table names @0.5mk  Correct primary @0.5mk  Correct input masks @1mk | 7mks  7mks  1mk  1mk  2mks |
| **C** | Correct relationship link  Enforcing referential integrity | 1mk  1mk |
| **d** | Correct forms | 4mks |
| **e** | Correct added fields (deny 0.5mk for each mistake) | 4mks |
| **f** | Mapping date of service to correct owner (deny 1mk for each mistake) | 4mks |
| **g** | Correct query name  Each correct criterion/ correct use of or @2mks | 1mk  4mks |
| **h** | Correct report name  All fields needed  No of cars per owner  Sorting | 1mk  1mk  2mks  2mks |
| **i** | Correct report name  Computed total value  Correct grouping per owner | 1mk  2mks  2mks |
| **j** | Printing @ table 1mk  Printing query  Printing @ report 1mk | 2mks  1mk  2mks |
| **Total Marks** | | **50 mks** |