**GATUNDU SUOTH SUB-COUNTY JOINT EVALUATION TEST, 2019**

***Kenya Certificate of Secondary Education (K.C.S.E)***

**451/2**

**COMPUTER STUDIES**

**PAPER 2**

**MARKING SCHEME**

1. a)

**KIRUI’S MILLING COMPANY LIMITED**

**P.O BOX 625 NAKURU**

|  |  |  |
| --- | --- | --- |
|  | **First quarter**  | **Second quarter**  |
|  | **January** | **February** | **March** | **April** | **May** | **June** |
| **Production cost**  | **15642** | **14687** | **18741** | **19457** | **15412** | **15441** |
| **Transport**  | **1564** | **1469** | **18784** | **1946** | **1541** | **1544** |
| **Warehousing**  | **1125** | **1056** | **1347** | **1369** | **1107** | **1109** |
| **Promotion**  | **2564** | **2407** | **3071** | **3188** | **2525** | **2530** |
| **Salary**  | **4525** | **4248** | **5420** | **5626** | **4456** | **4465** |

 Bold + centered + underlined each l mark = 3marks

* Bold + centered + underlined @ l mark = 3marks
* Boarders = 2marks
* Correct alignment = 2marks
* All entries correct = 7marks

 One wrong entries = 5marks

 Two wrong entries = 3marks

 Three or wrong entries = 3marks

 Wrong entries = 0

 b) i) Worksheet correctly copied to sheet = 2 = 2marks

 ii) = 2marks for tithe “Total”

 = 2marks for correct formula for total production cost.

**KIRUI’S MILLING COMPANY LIMITED**

**P.O BOX 625 NAKURU**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **First quarter**  | **Second quarter**  |  |  |
|  | **January** | **February** | **March** | **April** | **May** | **June** | **Total**  | ✔2mks |
| Production cost  | 15642 | 14687 | 18741 | 19457 | 15412 | 15441 | 9938 | ✔2mks |
| Transportation | 1564 | 1469 | 18784 | 1946 | 1541 | 1544 | 99380 | ✔1mk |
| Warehousing  | 1125 | 1056 | 1347 | 1369 | 1107 | 1109 | 7142 | ✔1mk |
| Promotion  | 2564 | 2407 | 3071 | 3188 | 2525 | 2530 | 16285 | ✔1mk |
| Salary  | 4525 | 4248 | 5420 | 5626 | 4456 | 4465 | 28740 | ✔4mk |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Total expenses **any 4 correct 4 marks** | ✔25420 | ✔23867 | ✔30453 | ✔31615 | ✔25041 | ✔25089 | 161485 |
| Percentage of total expenses **4 marks** | 15.7414 | 14.7797 | 18.8581 | 19.5777 | 15.5067 | 15.53364 |  |

 iii) 4 marks (any 4 correct)

 c) ii) = Sum (E5: E9) S = 2marks

 **or**

 = E5 + E6 + E7 + E8 + E9 = 2marks

 d) i) = Sum ($ H $ 5: $ H $ 9)

 **or**

 = $ H $ 5 + $H$6 + $H $6 + $H $7 + $H $8

 iv) = (F9 / $ H10) \* 100

  **or**

 = (F9 / H10) \* 100

**QUESTION 2 - DATA BASES**

**EMPLOYER 1**

• Data base file created = 1 mark

• Emp No set as primary key = 1 mark

• Correct table structure with all fields = 4 marks

• Correct Record Entry = 6 marks

**EMPLOYER 2**

• Profession field inserted = 2 marks

• Deduction field inserted = 2 marks

• Profession data correctly entered = 3 marks

• Reduction data correctly entered = 3 marks

• Records sorted in ascending order based on the name field = 3 marks

**LIST 1**

• A well-constructed query showing all fields = 4 marks

• Date criteria set i.e. > = 1/1/1960 # and #31/12/1972 # = 2 marks

• Profession criteria set i.e. ‘accountant’ ‘nurse’ ‘doctors’ = 2 marks

**LIST 2**

• Removal of date and profession criteria = 2 marks

• Formula for calculated field i.e. net pay (Gross Pay) (deduction) = 2 marks

• Correct values for Net Pay = 3 marks

**REPORT**

• Report set to columnar = 2 marks

• Correct fields i.e. Emp No, Name, profession, Net pay = 4 marks

• Printed employee 1, employee 2, List 1, and report = 3 marks