**451/2**

**COMPUTER STUDIES**

**Paper 2**

**(PRACTICAL)**

**December 2021**

2 ½ hours

**MOKASA II EVALUATION EXAMINATION**

***Kenya Certificate of Secondary Education (KCSE)***

COMPUTER STUDIES

**Paper 2**

2 ½ hours

**Marking Scheme**

**This marking scheme consists of 4 printed pages.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **QN** | **Section/Activity**  | **Marks** | **Max mark** | **Marks awarded** |
| 1.  |  | Creating database filename SPONSORSHIP | 1 mark | 1mark |  |
|  | 1. Designing tables (Correct fields and datatypes @1mk)
2. Creating relationships (Correct key fields, primary keys)
3. Enforcing referential integrity
4. Creating form (@1mk)
5. Data entry using forms (@ ½ mark for each field)
 | 2 marks2 marks1 mark3 marks12 marks | 28 marks |  |
|  | Generating queries1. **B-Query**
* Correct criteria
* Using appropriate filter
* Correct query name
1. **AMount-query**.
* Correct criteria
* Appropriate formula/function for calculated Total Amount field
* Correct query name
1. **Age-query**
* Correct criteria
* Appropriate formula/function for calculated Age field
* Correct query name
 | 1 mark1 mark1 mark1 mark1 mark1 mark1 mark1 mark1 mark1 mark | 10 marks |  |
|  | Inserting bar chart* Well labeled parts (X,Y axis)
 | ½ mark1½ marks | 2 marks |  |
|  | Creating report * Correct naming of report
* Proper formatting, positioning the field objects (@½ mark)
* Title in the report, with underline
 | ½ mark3 marks1½ mark | 5 marks |  |
|  | Printing * the Student, Sponsor table and Amount table (@½ mark)
* the forms (@½ mark)
* two queries (@½ mark)
* The chart (@1 mark)
* the report (@1 mark)
 | 4marks | 4 marks |  |
|  | **TOTAL MARKS** | **50 MARKS** |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **QN** | **Section/Activity**  | **Marks** | **Max mark** | **Marks awarded** |
| **2.**  |  | Create the publication* Filename PRE\_WEDDING
* Correct settings
	1. Paper size : A4
	2. Landscape orientation
	3. Margins: 1.2cm all round (@ ½ mark)
 | 1 mark1 mark1 mark1 mark | 4 marks |  |
|  | Designing text and other objects * Rectangular object, with title “**Pre-Wedding Invitation**”(@ 1mk)
* Word art text (@1mk)
* Dotted line
* Typing body text and any other text in the design
* 2 Calligraphy fonts used
* Bolding of texts (@ ½mark)
* Underline in RSVP
* Direction shape, text direction and filling color (@1mk)
* Drawing of church, shapes used correctly (@1mk)
* Inserting and designing outer border
* Hyphenation in “DIRECTION’ shape
 | 5 marks2 marks1 mark11 marks2 marks2 marks1 mark3 marks5 marks3 marks 1 mark | 36 marks |  |
|  | Generating queries1. **B-Query**
* Correct criteria
* Using appropriate filter
* Correct query name
1. **AMount-query**.
* Correct criteria
* Appropriate formula/function for calculated Total Amount field
* Correct query name
1. **Age-query**
* Correct criteria
* Appropriate formula/function for calculated Age field
* Correct query name
 | 1 mark1 mark1 mark1 mark1 mark1 mark1 mark1 mark1 mark1 mark | 10 marks |  |
|  | Inserting bar chart* Well labeled parts (X,Y axis)
 | ½ mark1½ marks | 2 marks |  |
|  | Creating report * Correct naming of report
* Proper formatting, positioning the field objects (@½ mark)
* Title in the report, with underline
 | ½ mark3 marks1½ mark | 5 marks |  |
|  | Printing * the Student, Sponsor table and Amount table (@½ mark)
* the forms (@½ mark)
* two queries (@½ mark)
* The chart (@1 mark)
* the report (@1 mark)
 | 4marks | 4 marks |  |
|  | **TOTAL MARKS** | **50 MARKS** |  |