**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 marks  2 marks  1 mark  3 marks  12 marks | 28 marks |  |
|  | Generating queries   1. **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 mark  1 mark  1 mark  1 mark  1 mark  1 mark  1 mark  1 mark  1 mark  1 mark | 10 marks |  |
|  | Inserting bar chart   * Well labeled parts (X,Y axis) | ½ mark  1½ marks | 2 marks |  |
|  | Creating report   * Correct naming of report * Proper formatting, positioning the field objects (@½ mark) * Title in the report, with underline | ½ mark  3 marks  1½ 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** | |  |

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| --- | --- | --- | --- | --- | --- |
| **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 mark  1 mark  1 mark  1 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 marks  2 marks  1 mark  11 marks  2 marks  2 marks  1 mark  3 marks  5 marks  3 marks  1 mark | 36 marks |  |
|  | Generating queries   1. **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 mark  1 mark  1 mark  1 mark  1 mark  1 mark  1 mark  1 mark  1 mark  1 mark | 10 marks |  |
|  | Inserting bar chart   * Well labeled parts (X,Y axis) | ½ mark  1½ marks | 2 marks |  |
|  | Creating report   * Correct naming of report * Proper formatting, positioning the field objects (@½ mark) * Title in the report, with underline | ½ mark  3 marks  1½ 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** | |  |