**Kenya Certificate of Secondary Education**

**FORM ONE EXAMINATION -2024**

**CODE451/1 SUBJECT: COMPUTER STUDIES**

**MARCH – TIME 2Hours**

**Name**: …………………………………………….…… **Admission** No: ……….……

**Class**: ………………**Candidate’s** **Signature**: …….……..**Date**: …..…/03/2024.

**INSTRUCTION TO CANDIDATES**

* Write your name and Admission number in the spaces provided above
* Answer **ALL** questions
* All answers should be written in the spaces provided on the question paper

**FOR EXAMINER’S USE ONLY**

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| --- | --- |
| **QUSTIONS** | **CANDIDATE’S SCORE** |
| 1 -20 |  |
|  |  |
| **TOTAL SCORE** |  |

**Answer all the questions**

1. Define the following Terms as used in Computer studies
2. Data **(2marks)**

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1. Information **(2marks)**

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1. ICT **(2marks)**

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1. Mention five examples of peripheral devices **(5marks)**

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1. List five components/ devices housed within the computer system unit  **(5marks)**

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1. With an aid of a diagram state the difference between analog and digital data **(4marks)**

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1. Give five challenges experienced by users of first generation computer **(5marks)**

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1. State five characteristics of fifth generation computers **(5marks)**

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1. Mention three hardware technology difference between first generation and third generation computers **(3marks)**

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1. Mention four ways of controlling dust levels in a computer lab **(4marks)**

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1. Give four types of Keyboards **(4marks)**

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1. State the functions of the following mouse skills
2. Double click **(2marks)**

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1. Right click **(2marks)**

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1. Drag and Drop **(2marks)**

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1. State five ways of enforcing security in computer laboratories established in learning institutions **(5marks) (5marks)**

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1. Mention three functions of Uninterruptible Power Supply **(3marks)**

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1. Use abacus to represent the following numbers
2. 2370 **(2marks)**

1. 0967 **(2marks)**
2. Name three electronic pathway used by computer components mounted on motherboard to exchange signals **(3marks)**

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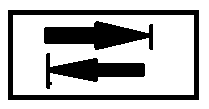
1. State three characteristics of Dynamic Random Access Memory **(3marks)**

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1. List three examples of toggle keys found on a standard keyboard **(3marks)**

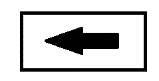
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1. Identify the function of each key represented by the symbols shown below
2. **(2marks)**



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1. **(2marks)**



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1. Mention five disadvantages of using computers in organizations **(5marks)**

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1. Why is Charles Babbage considered as the father of computers **(2marks)**

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1. Name three non-electronic devices used to perform arithmetic manipulations before electronic computer were invented **(3marks)**

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1. State five ways of using computers in learning institutions like schools **(5marks)**

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1. List five input devices that capture directly from source **(5marks)**

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1. Name three Arithmetic and Logical operations undertaken by the ALU **(6marks)**

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1. State two ways in which dampness affects computers that are installed in the Laboratory **(2marks)**

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