**Term 1 - 2025**

**COMPUTER STUDIES (451)**

**FORM TWO**

**Time: 2 Hours**

**Name**: …………………………………………………………. **Adm** **No**: ……………….

**School**: ……………………………………………………….. **Class**: …………………..

**Signature**: …………………………………………………….. **Date**: …………………...

**ANSWER ALL THE QUESTIONS**

1. Define the following terms  **(4mark)**
2. Embedded computer

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1. Artificial intelligence

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1. ICT

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1. Process

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1. State four  health problems that can be caused by prolonged use of computers **(4marks)**

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1. Mention five devices or components housed within the system unit  **(5marks)**

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1. Mention four non-electronic devices used to perform simple arithmetic computation before computer were developed **(4marks)**

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

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

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1. Describe the functions of the following Keyboards keys **(3marks)**
2. Tab

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1. Caps lock

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1. Backspace

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1. Use abacus structure  to represent the following numbers **(4marks)**
2. 1061

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1. Describe five way  in which computer can be used to enhance security in a bank  **(5marks)**

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1. Identify five demerits of using computers in running organization transactions  **(4marks)**

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1. Explain the classification of computers based on functionality  **(3marks)**

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1. Classify the following device as input, output and storage devices  **(6marks)**

**Speaker, Touch Screen , Smartboard, memory stick, Projector and Compact Disk**

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1. State five ways in which computers could be used in each of the following sectors other than maintaining security
2. School  **(5marks)**

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1. Transport  **(5marks)**

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1. Define computer laboratory **(2mark)**

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1. Mention three functions of Uninterruptible power supply unit  **(3marks)**

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1. State four ways of ensuring proper ventilation in a computer lab  **(4marks)**

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1. Mention three major problems related to power supply usually experienced in a computer lab **(3marks)**

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1. Briefly describe four  features of a computer that make it handle tasks better human being  **(4marks)**

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1. List four attributes that make a programmable calculator  to be considered as a computer  **(4marks)**

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1. Mention four major categories of computer hardware  **(4marks)**

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1. Name four  examples of scanning devices  **(4marks)**

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1. Mention four measures that should be observed in a computer laboratory to protect the computer and programs from theft **(4marks)**

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1. state two major challenges experienced by computer that are shutdown using the wrong procedure   **(2marks)**

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1. mention three advantages of a wireless keyboard  **(3marks)**

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1. Give a reason to justify why power and liquid based fire extinguishers are not installed in computer labs

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1. List four  pointing devices **(4marks)**

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