**Term 1 - 2023**

**COMPUTER STUDIES (451/1)**

**FORM TWO CAT 1**

**Time: 1 ½ Hours**

**Name**: …………………………………………………………. **AdmNo**: ……………….

**Class**: …………………..

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

**ANSWER ALL THE QUESTIONS**

1. Using a diagram to describe the following
2. Digital data **(2marks)**

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1. Analog data **(2marks)**

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1. The line of text in the box was created using Word processor. The cursor position is between the words “so” and “as” **(3marks)**

**Ensure that cables in the computer laboratory are properly insulated so as to eliminate the dangers of electric shock to the user**

Describe what happen to the text in the box above when each of the following keyboard keys are pressed

1. Enter

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1. Tab

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1. End

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1. What is a warranty **(1mark)**

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1. Give three content of a good warranty **(3marks)**

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1. State the standard unit for measuring computer speed, memory and monitors size **(3marks)**

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1. With reference to speed, size, cost and charge leakage compare static RAM and Dynamic RAM **(4marks)**

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1. Mention four characteristics of Gas plasma Display monitor **(4marks)**

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1. List four ways in which ICT can be used to enhance security in a supermarket **(4marks)**

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1. State four health issues that could arise from prolonged use of computers or use of unsuitable furniture **(4marks)**

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2. Identify the device shown below **(2marks)**

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Figure 1

1. Give four areas where the technology in 9(a) above is mostly used **(4marks)**

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1. State four output devices found in an ATM machine **(4marks)**

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1. Use the table below to classify the devices in the table as input or output devices **(5marks)**

|  |  |  |
| --- | --- | --- |
|  | **Devices** | **Category (Input/Output)** |
| 1 | Touchscreen |  |
| 2 | Projector |  |
| 3 | Interactive Whiteboard |  |
| 4 | Digital Camera |  |
| 5 | Microphone |  |

**Table 1**

1. State four ways in which computers could be used in each of the following sectors other than ensuring maximum security
2. Transport sector **(4marks)**

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1. Retail shops **(4marks)**

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1. List four softcopy output devices **(4marks)**

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1. Identify the most appropriate output devices for the production of each of the following **(4marks)**
2. Receipts and Invoices

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1. Architectural and Engineering drawings