NAME………………………………………………………………………………

ST.AUGUSTINE VOCATIONAL SECONDARY SCHOOL - BUSHENYI
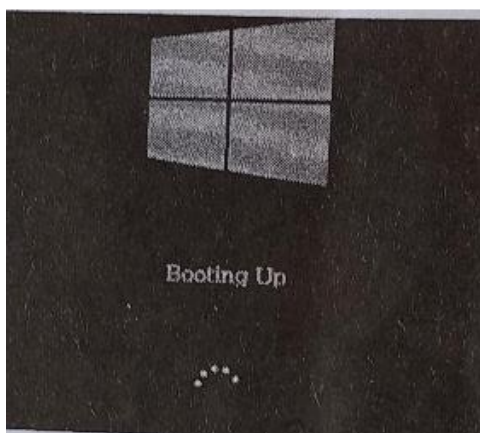## ICT ASSESSMENT FOR LOWER SECONDARY
S.3 END OF TERM II 2023
2 HOURS

INSTRUCTONS:

➢ *Attempt all questions*
➢ *Poor handwriting will lead to loss of marks*

1. Senior one students normally access the computer laboratory in their free time to do their personal practical work. They start with booting the computers as they were taught by their ICT teachers. After the booting process, computers display icons on the desktops.

Booting Up

a) What do you understand by the term booting and give the two types of booting? **(4 marks)**

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b) Briefly describe an icon and list four major icons on the computer desktop. **(5 marks)**

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c) While working with a computer, we normally save our work and their after we collect it in one location known as a folder.

i. Explain the term folder in your own thinking. **(2 mark)**

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ii. Write five operations which can be made on a folder. **(5 marks)**

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d) Every file is saved according to its application and identified with a file extension.

(i) What is a file extension? **(2 mark)**

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(ii) Give four examples of file extensions with their file names. **(4 marks)**

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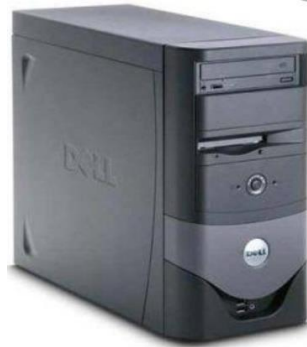
2. In most schools in Uganda, we normally use desktop computers and all devices are connected to a system unit.

a) As an ICT student what do you understand by the term system unit? **(2 mark)**

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b) Inside that device above we have many sensitive parts which help a computer to run or to perform operations, give at least five devices found in it. **(5 marks)**

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c) The general name given to the devices outside the system unit are called the peripheral devices, go on and come with the defining of the term peripheral device. **(2 mark)**

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d) List six devices you know which can be connected to the system unit.**(6 marks)**

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3. Data and information are two different concepts in the computing world. However, very many people are still challenged with understanding them. As a computer student, explain to your fellow students;

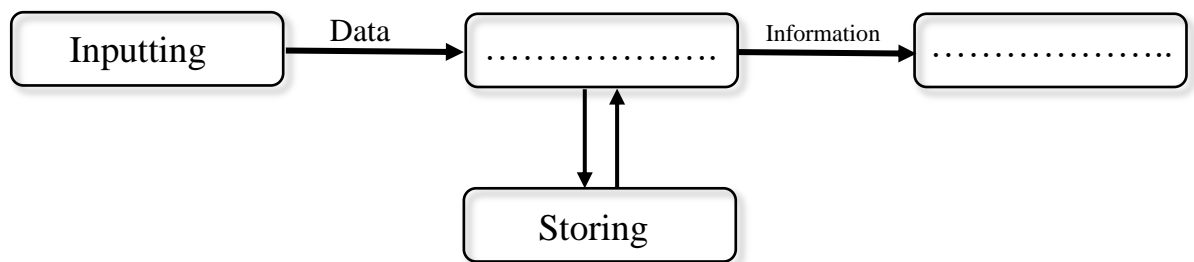 a) The difference between data and information   **(02marks)**

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b) Any two qualities of good information   **(02 marks)**

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┌─────────────┐   Data   ┌─────────────┐  Information  ┌─────────────┐
│  Inputting  │ ───────> │ ………………… │ ───────────>  │ …………………. │
└─────────────┘          └─────────────┘               └─────────────┘
                              │    ↑
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                         ┌─────────────┐
                         │   Storing   │
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c)   Complete the cycle above by filling in the correct processes at each stage.**(02 marks)**

4.   Department of ICT introduced a policy of not allowing students to use flash disks and other optical storage devices on school computers in the computer laboratory.

e)   Give three reasons why students are discouraged from using such devices on the school computer.   **(03 marks)**

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f) State two alternatives that can be used to achieve the same objective. **(02 marks)**

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5. Explain what happened after processing the following keys on the key board.

(03 marks)

(i) CTRL+B.

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(ii) CTRL+A.

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(iii) CTRL+U.

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6. Mr. Dononzio a computer illiterate was informed of the new ICT equipment and among these were the biometric devices which he had no idea about. He later seeks for help.

a. What are biometric devices? **(02 marks)**

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b. Mention any three biometric devices that might have been informed to Mr. Dononzio. **(02 marks)**

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c. Explain one disadvantage of using biometric devices. **(2 mark)**

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7. what is a computer? **(2 mark)**

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a. Mention two functions of a mouse. **(2 marks)**

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b. Distinguish between clicking and dragging in relation to mouse operations. **(2 marks)**

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8. Write CPU in full **(2 mark)**

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a. Mention the function of the following parts in the CPU. **(2 marks)**

(i) Registers………………………………………………………….

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(ii) Control unit…………………………………………………………

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b. State two devices that can be used as both input and output. **(2 marks)**

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9. Identify the following hardware components.   **(3 marks)**

B

C

A

A……………………………………………………………………………………

B……………………………………………………………………………………

C……………………………………………………………………………………

b) Which of the above can be used to transfer information from one computer to another and why? **(2 marks)**

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10 a) Define computer hardware?   (**2marks**

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b) Explain 5 examples of computer hardware; give one way how each of them is used for (use)?   (**5marks**

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C) Explain 2 ways how computers are used in the following sectors**?**   (**10 marks**

i) Education…………………………………………………………………………………

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ii) Health………………………………………………………………………………….

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iii) Entertainment………………………………………………………………………..

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iv) Business……………………………………………………………………………….

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v) Security…………………………………………………………………………………

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11. Explain 8 technological tools one should use when going to hold an online meeting (video conference) between two schools and how they are used?   **(8marks**

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WITH SKILLS WE SUCCEED