

**UGANDA ADVANCED CERTIFICATE OF EDUCATION**

**SUBSIDIARY ICT**

**TERM TWO 2024**

**TEST 1**

1. Robots are used in a factory to build cars, one characteristic of a robot is its mechanical structure.

a) State two other characteristics of a robot

**2 marks**

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- b) Suggest three advantages of using robots, instead of humans, to build cars in the factory.

**3 marks**

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2. a) Differentiate between a file and folder.

**2 marks**

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- c) State three devices that can be used as both input and output devices

**3 marks**

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3. Briefly explain the five main components of a computer.

**5 marks**

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4. a) Distinguish between softcopy and hardcopy output.

**2 marks**

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b) List three factors you would consider before purchasing a computer. **3 marks**

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5. a) State the major difference between impact and non-impact printers. **2 marks**

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b) Mention three advantages of Non-impact printers over impact printers. **3 marks**

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6. a) Explain what is meant by the term “Peripheral device”. **1 mark**

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b) List down any four peripheral devices. **4 marks**

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7. a) Distinguish between writing and reading data as used in storage devices. **2 marks**

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b) Consider the phrase: **SERIOUS STUDENT.**

i) How many bytes are in the above phrase? **1 mark**

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ii) Find the number of bits in the phrase?

**2 marks**

8. a) State the three main divisions of a standard keyboard.

**3 marks**

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b) Write down two precautions for safe use of the computer hardware.

**2 marks**

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9. Write the following abbreviations in full.

**5 marks**

a) VGA

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b) VDU

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c) CCTV

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d) LED

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e) DPI

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10. List five major tasks one can do with a computer mouse.

**5 marks**

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