

UGANDA ADVANCED CERTIFICATE OF EDUCATION

SUBSIDIARY ICT

TERM TWO 2024

COMPUTER HARDWARE TEST

1. 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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2. a) What is meant by the term peripheral device? **(1 mark)**

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- b) List down four peripheral devices. **(4 marks)**

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

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- b) Outline three factors to consider when choosing a monitor. **(3 marks)**

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4. State the function of the following parts of a microprocessor **(4 marks)**

i) Control unit

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ii) Arithmetic Logic unit

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iii) Registers

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iv) System clock

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b) Write DPI in full. **(1 mark)**

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5. a) What is meant by a machine cycle? **(1 mark)**

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b) Briefly describe each of the following operations of the machine cycle **(4 marks)**

i) Fetching

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ii) Decoding

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iii) Executing

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iv. Storing

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6. a) State any two solid state media used in personal Computer systems. **(2 marks)**

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b) How many songs of 4.7mbs each can fit on a flash disk of 4.44GBs? **(3 marks)**

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7. Write short notes on the following. **(3 marks)**

i) CMOS

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ii) Cache memory

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iii) Serial Ports

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b) What advantages do LCD monitors have over CRT monitors? **(2 marks)**

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8. Outline any five examples of biometric hardware devices **(5 marks)**

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9. Write the following acronymns in full **(5 marks)**

i) MICR

ii) EEPROM.....

iii) CD-RW.....

iv) SSD.....

v) HDD.....

10. a) Distinguish between hardcopy and softcopy output.

(2 marks)

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b) Give three situations where a hardcopy is preferred to a softcopy.

(3 marks)

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END

@ICT DEPARTMENT