UGANDA BUSINESS AND TECHNICAL EXAMINATIONS BOARD

Business and Humanities Certificate Modular Assessment

NOV-DEC 2024 SERIES

PROGRAMME

NCCM, NCICT, CST

MODULE NAME

COMPUTER LITERACY

PAPER NAME

COMPUTER LITERACY THEORY

PAPER CODE

NCCM111/NCICT111/CST111

YEAR I, SEMESTER I

2½ HOURS

MONDAY, 2ND DECEMBER, 2024

INSTRUCTIONS TO CANDIDATES

1. *This paper consists of **two** sections **A** and **B**.*
2. *Section **A** is compulsory and carries **20** marks.*
3. *Section **B** consists of **six** questions. Answer only **four** questions from this section.*
4. *All questions carry equal marks*
5. *Begin each answer on a fresh page.*
6. ***Do not** write on the question paper.*
7. *All answers and rough work should be written in the official answer booklet provided.*
8. *Read other instructions on the answer booklet.*

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Turn Over

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SECTION A - (20 MARKS)

Answer all questions in this section.

Question One

(a) Differentiate between **warm booting** and **cold booting**. (04 marks)

(b) Outline **two** roles of the central processing unit to the computer. (02 marks)

(c) State **two** types of information as used in computer literacy. (02 marks)

(d) Discuss **two** ways of preventing cyber-attacks. (04 marks)

(e) Explain **two** challenges faced by learners while using computers. (04 marks)

(f) State **two** ways preventing computers from virus attacks. (02 marks)

(g) Give **two** devices used for data input in a computer system. (02 marks)

SECTION B - (80 MARKS)

Answer only four questions from this section.

Question Two

Most people prefer using electrical methods of data processing like computers, over manual data processing methods like use of tools for example pens, papers and others. Both of these methods are used to transform data to information which is used for decision making.

(a) Distinguish between the **two** methods of data processing mentioned. (04 marks)

(b) Explain **four** advantages of using the preferred method of data processing. (08 marks)

(c) Discuss **four** ways in which one can keep the processed data secure. (08 marks)

Question Three

(a) Differentiate between **internet** and **intranet**. (04 marks)

(b) Explain **four** reasons why students need internet in an institution. (08 marks)

(c) Discuss **four** etiquettes learners should consider while using internet. (08 marks)

Question Four

A computer and its related resources are widely used in different sectors today for different reasons.

(a) Discuss **five** sectors where they can be used in your environment. (10 marks)

(b) Explain **five** features they possess that make people widely use them. (10 marks)

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Question Five

Charity recently acquired a new computer to use in her video and photo editing business. However, she was informed that the computer required some application software that suits the needs of her business to be installed.

(a) Explain **three** methods she could have used to acquire a new computer. (06 marks)

(b) With the help of examples, explain **two** types of software she is required to install on her newly acquired computer. (04 marks)

(c) Discuss **five** factors one should consider before installing the programs to the computer. (10 marks)

Question Six

(a) Distinguish between a **hard copy** and **soft copy**. (04 marks)

(b) Outline **four** components of a computer system. (04 marks)

(c) Computers transform meaningless information into meaningful information through different stages and methods. With the aid of a diagram, discuss the different stages the above task can be done. (12 marks)

Question Seven

Mulenzi bought a new computer but failed to use it because it lacked an operating system. He was therefore, advised to install a new operating system of his choice.

(a) Define the type of system mentioned in the scenario. (02 marks)

(b) List down **four** ways he can acquire the type of system. (04 marks)

(c) Outline **four** examples of the type of system. (04 marks)

(d) Explain **five** reasons why it is necessary to install the system to the computer. (10 marks)

END

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