



# UGANDA BUSINESS AND TECHNICAL EXAMINATIONS BOARD

## Business and Humanities Certificate Modular Assessment

**MAY-JUNE 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, 13<sup>TH</sup> MAY, 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.

## SECTION A - (20 MARKS)

Answer all questions in this section

### Question One

- (a) Define the term **data** as applied to computer literacy. (02 marks)
- (b) State **four** qualities of good information. (04 marks)
- (c) Distinguish between **online processing** and **real time processing** giving an application area for each. (04 marks)
- (d) Explain **two** data processing types. (04 marks)
- (e) List **two** uses of social media platforms. (02 marks)
- (f) Describe **two** dangers associated with the use of social media sites. (04 marks)

## SECTION B - (80 MARKS)

Answer only four questions from this section

### Question Two

- (a) State **two** basic operations of a machine cycle. (02 marks)
- (b) Explain **three** differences between **Random Access Memory** and **Read Only Memory**. (06 marks)
- (c) Computers have become important machines when it comes to daily work.
  - (i) Describe **four** areas of their application. (08 marks)
  - (ii) Explain **two** dangers associated with the usage of such machines. (04 marks)

### Question Three

- (a) Define the term **program** as used in ICT. (02 marks)
- (b) Explain **four** differences between low level languages and high level languages. (08 marks)
- (c) LAGUNA advocates decided to change the way they receive complaints from their clients in that, any complainant will be required to create a user account through their website/online system before filing a complaint.
  - (i) Describe **three** advantages of using such a system. (06 marks)
  - (ii) Identify **two** risks that can affect LAGUNA advocates due to the changes introduced. (04 marks)

#### Question Four

- (a) Define the term **computer networks**. (02 marks)
- (b) OPDAF Ltd wants to setup a computer network for sharing files and other resources within their premises. They have consulted you to help them determine the network topology that they can use.
  - (i) List **two** types of topologies they would choose from. (02 marks)
  - (ii) Explain **two** advantages of using the topologies in 4(b)(i). (04 marks)
  - (iii) Explain **three** factors that they would need to consider when choosing the topology. (06 marks)
- (c) Describe **three** classifications of computer viruses. (06 marks)

#### Question Five

- (a) Differentiate between **input devices** and **output devices** giving one example in each case. (04 marks)
- (b) Explain the meaning of the following keywords as used in computers.
  - (i) Graphical User Interface. (02 marks)
  - (ii) Desktop. (02 marks)
  - (iii) Taskbar. (02 marks)
  - (iv) Control panel. (02 marks)
- (c) Explain **two** differences between **impact** and **non-impact** printers. (04 marks)
- (d) PILOA is excited about owning a computer and wants to add her picture as a desktop wallpaper but she does not know how to do it. She approached you for help. Describe the steps she should follow to achieve her goal. (04 marks)

#### Question Six

- (a) Define the term **system software**. (02 marks)
- (b) Outline **four** examples of system software. (04 marks)
- (c) HAMIDA a city trader decided to buy a computer to help her manage her business transaction records.
  - (i) State **two** application programs that she can use. (02 marks)
  - (ii) Describe how the applications listed in 6(c)(i) can be used. (06 marks)
- (d) Describe **three** utility programs used in computers. (06 marks)

### Question Seven

- (a) Write the following acronyms in full.
  - (i) URL (02 marks)
  - (ii) WWW (02 marks)
- (b) Define an **email**. (02 marks)
- (c) ZIGY Tech advertised for the position of a Data Entry Clerk and requires all the applicants to send in their applications using emails. Assuming you decided to apply for the position, describe the steps you will follow to attach your papers to the email before submitting in your applications. (14 marks)

**END**