

Name: ..... Personal No: .....

Signature: .....

840/1  
Information and  
Communication  
Technology  
Paper One  
(Theory)  
2 ¼ Hours



## JINJA JOINT EXAMINATIONS BOARD

Uganda Certificate of Lower Secondary Education  
**MOCK EXAMINATIONS – JULY/AUGUST 2024**

Information and Communication Technology

Paper One

(Theory)

2 Hours 15 Minutes

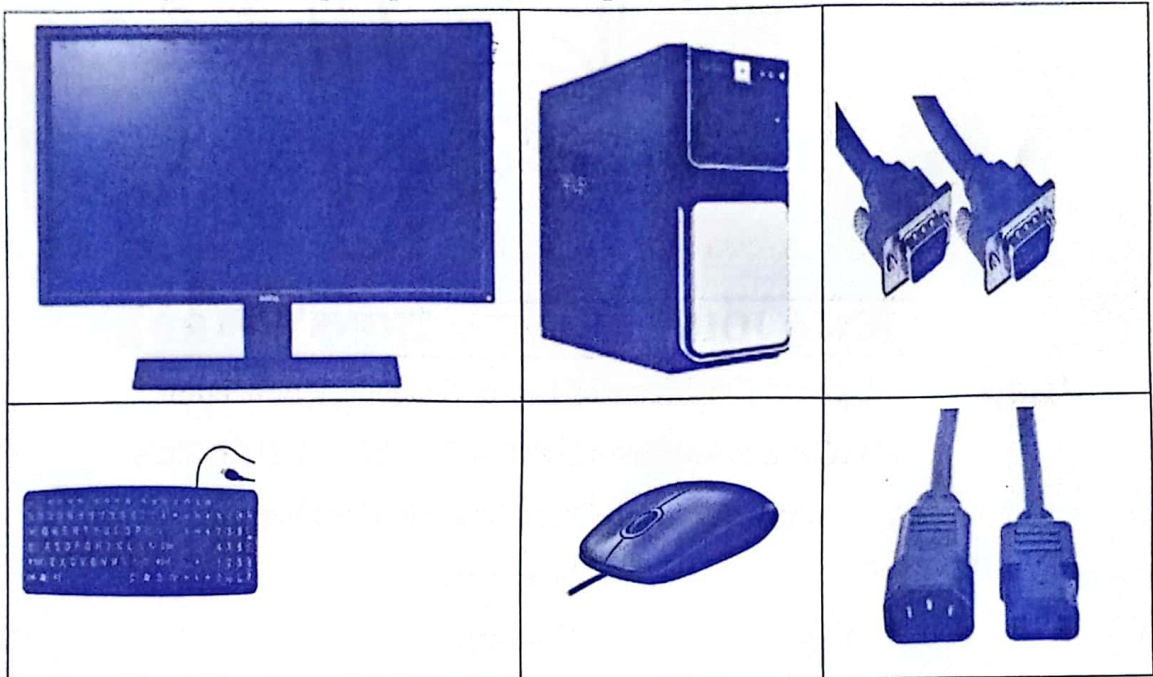
### INSTRUCTIONS:

- (a). *This paper is made up of two sections, A and B respectively.*
- (b). *Section A has **one** item. This item is compulsory.*
- (c). *Section B has two parts, I and II.*
- (d). *Attempt only **one** item from each part.*
- (e). *All items carry equal marks.*
- (f). *Use of relevant examples and illustrations related to use of ICT in our environment is encouraged.*
- (g). *Begin the response to each item on a fresh answer sheet.*

**SECTION A:****ITEM 1***This item is compulsory*

Kate primary School has for long produced documents such as letters to parents, examination question papers and other documents from a nearby computer center in the trading center. Recently the headteacher received a brand-new computer set from a donor.

The headteacher was excited and shared with the staff members about the computer received. They were then prompted to open the package and found the following items.



Source: <https://88printers.com/>

Unfortunately, all the staff members did not have any knowledge about the equipment received.

**Task:**

- (a). You have been approached by the headteacher for help, prepare a write up to guide the teachers understand the provided equipment and how to setup the equipment for use.
- (b). Advise the headteacher on what to acquire in addition to the received items to enable them accomplish their tasks and show them how the equipment can be safeguarded.



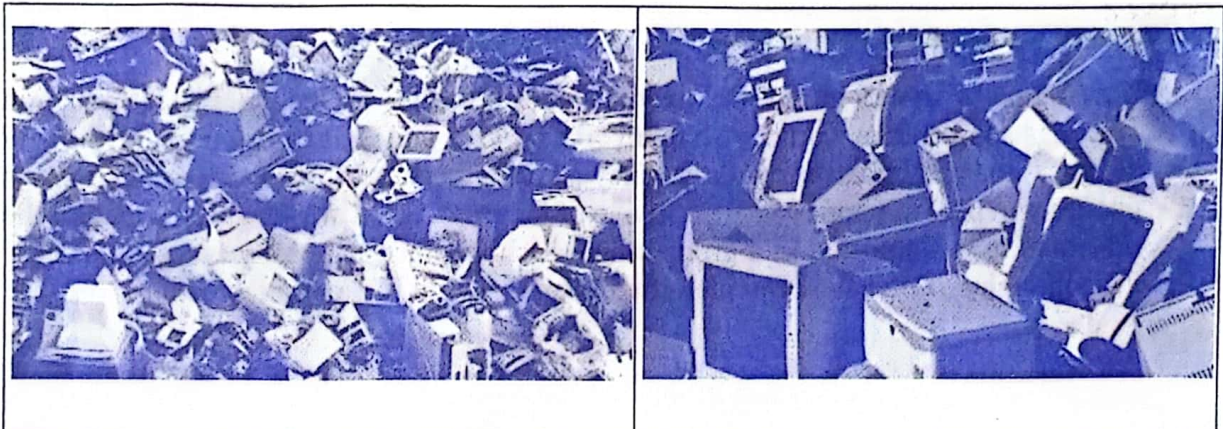
**SECTION B****PART I**

*Attempt one item from this part*

**ITEM 2**

In a certain community, a notable trend has surfaced among its youth who have access to computers and smartphones. These young individuals increasingly depend on their digital tools to manage and execute almost all aspects of their daily routines and social interactions.

In addition, there exists another group of people having outdated computers that are no longer functional. These faulty machines, once integral to daily tasks, now sit idle due to their inability to keep up with modern demands. This divide highlights not only the technological dependence of the youth on current devices but also the challenges faced by those with obsolete equipment, emphasizing differences in access and functionality within the community.

**Task**

- (a) Prepare guidelines you would advise them to adopt in order to handle the challenge identified.
- (b) How would the community benefit from the guidelines presented in (a) above?

**ITEM 3**

There are a number of desktop computers in the computer lab of one of the secondary Schools in Weka community. Of late, it was discovered that most of the users had the following challenges; back discomfort, blurred vision, and wrist pain. Also there has been reports of repeated "Threat detected" alerts appearing on the monitors of these desktops, frequent system freezing, and some keyboard commands not functioning properly. You have been identified by a member of the ICT club to study the trend and you share with the headmaster the findings.

**Task**

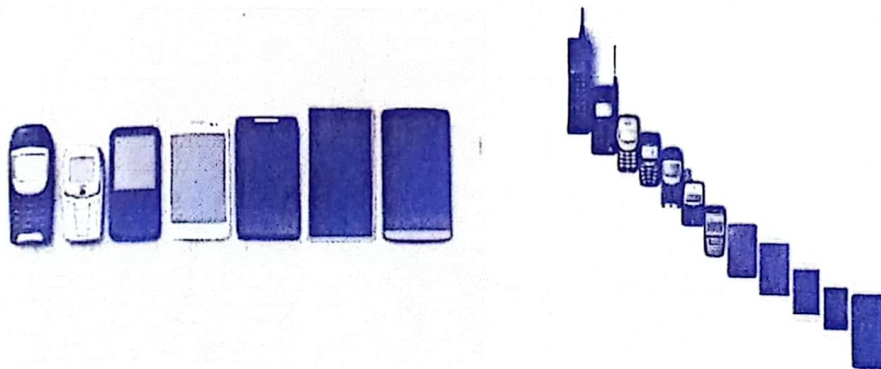
- (a) Prepare a report showing the headmaster possible causes of the challenges identified above.
- (b) Develop a manual that will enable the headmaster monitor activities in the computer laboratory.

**PART II**

*Attempt one item from this part*

**ITEM 4**

Kawanguzi a trader in St. Balikuddembe is planning to launch his introduction meetings soon and he would wish to involve his OBs and OGs to begin with, who will be contacted and updated regularly. They all have registered SIM cards, in their smart phones and analog phones as well. In one of the meetings, it was suggested that all the information to be posted in a group where each member can easily access and share their thoughts. You have been identified as an expert in ICT communication.

**Task:**

Prepare a step – by – step process you will take to ensure that all members receive and share content.



**ITEM 5**

JK poultry farmers association is organizing an exhibition for the poultry farmers in Uganda to provide a platform for poultry farmers to compete, exchange knowledge, experiences, and best practices. Interested Farmers are to download an application form from the website <http://www.jpoultry.ug.org> , fill it and send to the email, [jchr@saso.org](mailto:jchr@saso.org). Mr. Kawanguzi, a poultry farmer from Nakakabala got to know about this exhibition and got interested in participating however he lacks the computer skills required to apply.

**Task**

Mr. Kawanguzi has approached you for help, create a document guiding him to complete the application process.