

840/1  
INFORMATION AND  
COMMUNICATIONS  
TECHNOLOGY (ICT)

Paper 1  
(Theory)  
November 2024  
2¼ hours



**WAKISSHA JOINT EXAMINATIONS**

**Uganda Certificate of Education**

**End of Year Assessment**

**SENIOR THREE**

**INFORMATION AND COMMUNICATIONS TECHNOLOGY**

**Paper 1**

**(Theory)**

**2 hours 15 Minutes**

**INSTRUCTIONS TO CANDIDATES:**

*This paper consists of **two** sections; **A** and **B**. It has **five** items.*

*Section **A** has **one** compulsory item.*

*Section **B** has **two** parts; **I** and **II**. Answer only **two** items from this section, choosing **one** item from each part.*

*Answer **three** examination items in all.*

*Any additional item(s) answered will **not** be scored.*

*All responses should be presented in **formal** writing layouts.*

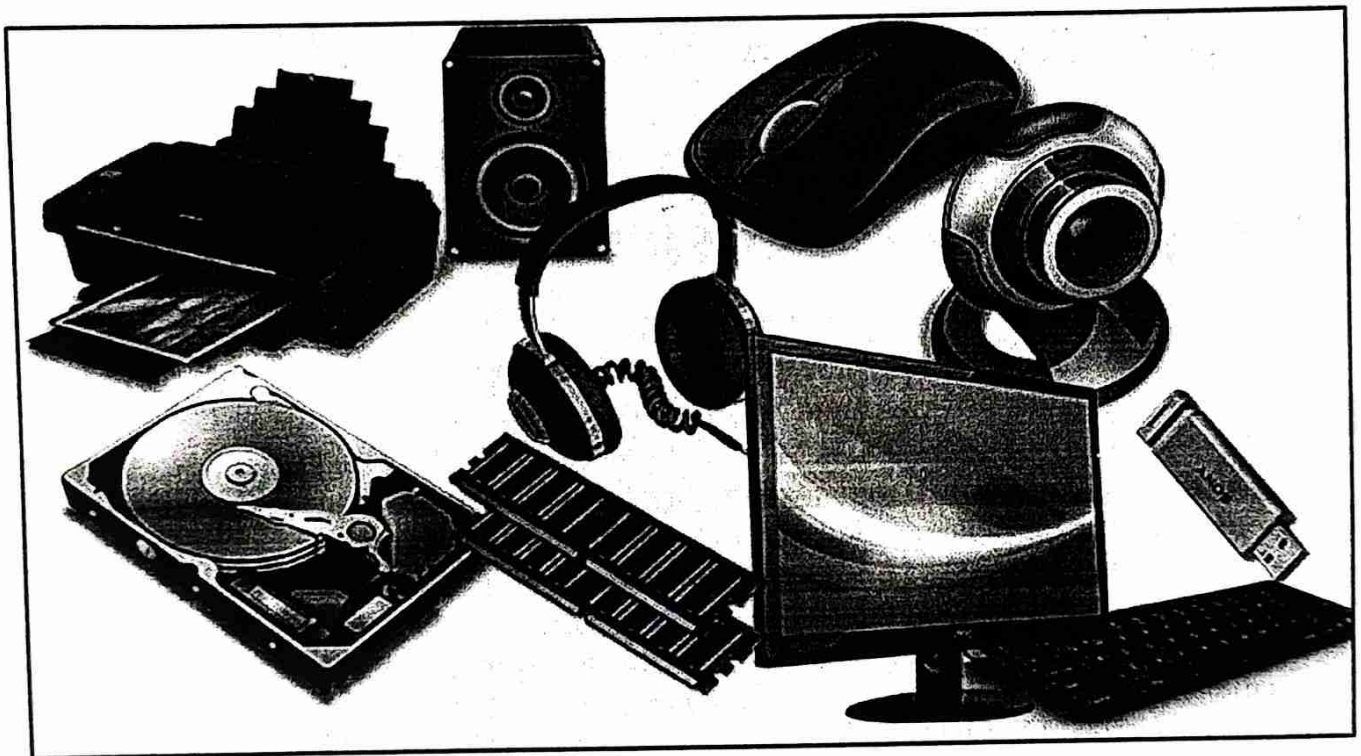
***All answers must** be written in the answer booklet(s)/sheets provided.*

## SECTION A

*This section is compulsory*

### Item 1

Sekalongo successfully completed his diploma in Fashion and Design. He has been looking for employment opportunities in several organizations only to be disappointed with the usual “we shall contact you soon”, His father, Prof. Chukwemeca is tired of seeing him idle and also sharing a roof with such a grown up boy. One night Prof. Chukwemeca started a discussion about the fate of his son with his wife, they decided to start up a multi book shop which can double as a private library in the nearby trading center for him. Being a new venture, he will also need a sign post to direct his clients to his “EARLY BIRD BOOK SHOP.” Unfortunately, Sekalongo has no idea about the required ICT tools to be purchased. Prof. Chukwemeca being learnt person and established business man is planning to contact a supplier from Germany to provide the ICT tools. His father has tasked Sekalongo to provide a list of ICT tools required so that he can rely the information to the supplier in Germany, Sekalongo heard that you have been offering ICT at your school and indeed he needs your help. An image of prospective tools is shown in figure 1 below



### Task

Explain how sekalongo can connect some of the tools to come up with a functioning computer.

## SECTION B

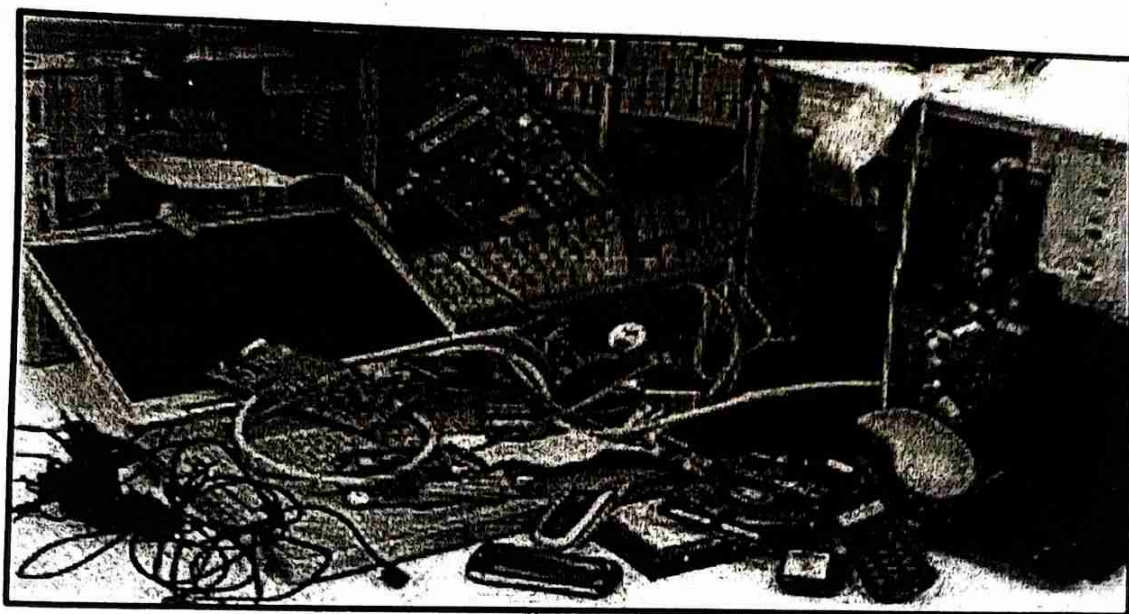
### PART I

*Answer one item from this part*

### Item 2

In 2020 Gweri Secondary School was excited by the surprise of ICT tools received from their pals from Europe, the administrators laid down all possible strategies to sustain the tools but as a certain writer L. Frank B. said in his popular book “wizard of Oz” that *everything has to come to an end*, the tools were no more, taking very long to start and everything about them was just annoying. The administrators invited an IT specialist who advised them to dispose off all ICT tools. The administrators had little knowledge about proper disposal of ICT tools and the parties/stakeholders involved in e-waste management. They have invited you to guide them about the proper disposal of their tools. Part of the tools are shown in the image below.





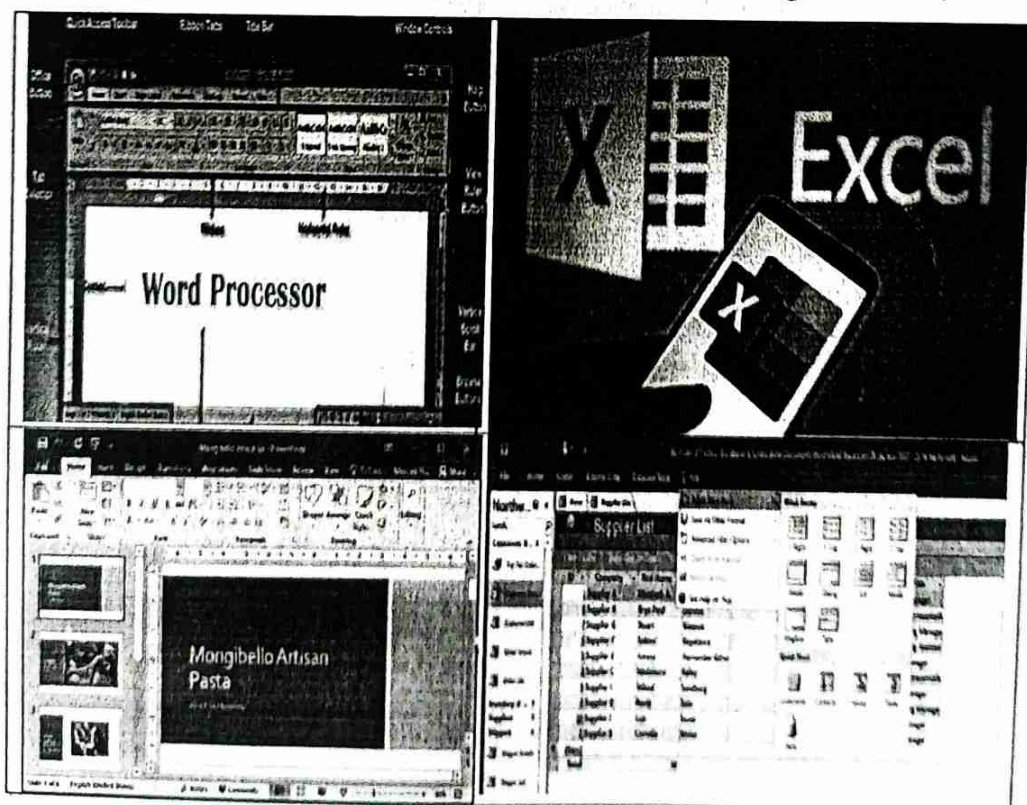
### Task

Explain to the administrators of Gweri Secondary School about the good practices that can be adopted to ensure proper management of electronic used up tools.

### Item 3

Akogo troupe is part of Pearl importers. They have always struggled to gain financial stability but all in vain. In their cash round, they have had several challenges; using a book to record group minutes, managing members' information, difficulty in presenting important information to the group members, sharing profits amongst group members and producing professional documents. the group has grown to a tune of 100 members and making a monthly saving of shs. 1,000,000 each member, such a flourishing business can no longer be sustained on a manual book and pen records hence there is a need to purchase and install a computerized system to run its operations. You have been invited by the chairperson of the group to guide them accordingly.

Part of a computerized systems interface(s) is/are shown in the figure below;





### Task

Prepare a write up containing different computerized software and how they can be used to solve Akogo troupe challenges.

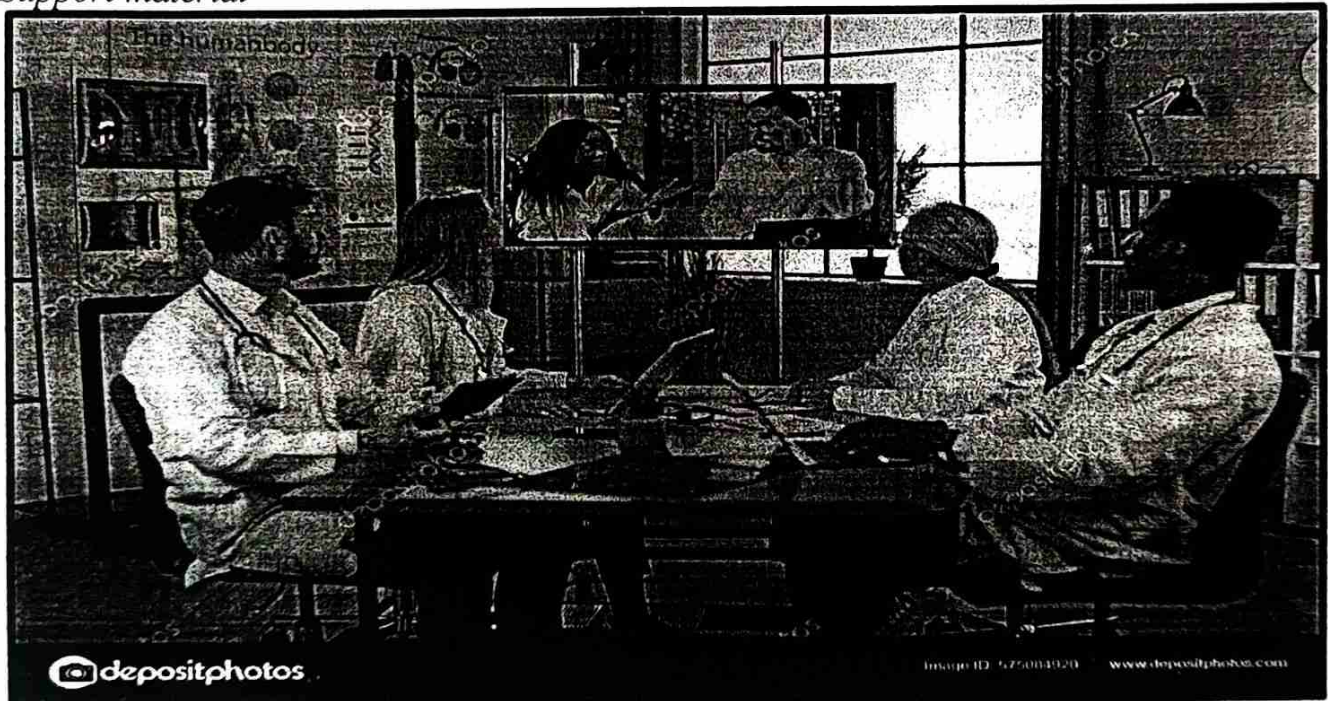
## PART II

Answer **one** item from this part.

### Item 4

Mrs. Akanya Esther is an ophthalmologist serving three different countries in Europe; England, Scotland and Ireland. Of recent she learnt that her mother country (Uganda) was attacked by conjunctivitis (red eye). The ministry of health here at home was informed of their successful daughter serving three different foreign countries. Esther Akanya is very much willing to serve her motherland as well. Due to her tight schedule she failed to fly to Uganda and instead promised an online meeting with the ministry officials to provide ideas and resolutions to be presented to the president. The ministry of health has contacted you as an ICT expert to guide them on how they can make their meeting a reality.

### Support material

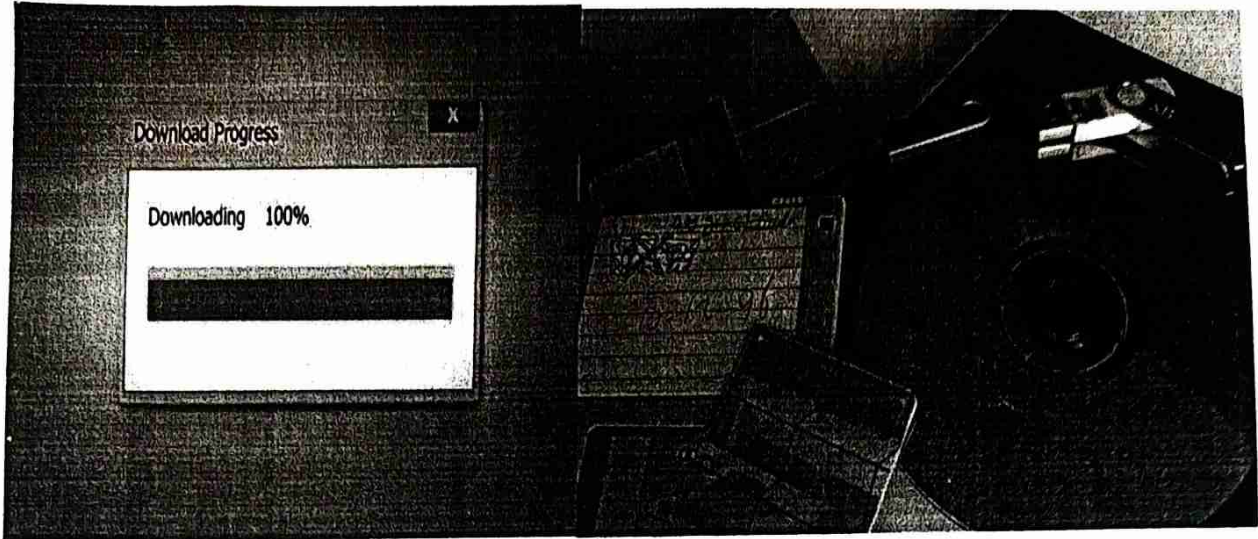


### Task

Explain to the ministry officials on the ICT tools and how they can be used during a video conference meeting with Mrs. Akanya Esther.

### Item 5

Hannington Kirumira joined a school in 2021 two weeks later, he has been in stream D throughout his lower secondary. Unfortunately, in their school it is only stream A and stream B that offer ICT. He has always yearned to acquire required ICT skills but he never had that opportunity. Today he is writhing his very last paper and there after he will board the next taxi to his village. His favorite songs; *Omwoyo*, *abeerawo*, *Kumpi naawe*, and *Awo* by *Gaby Ntaate* are readily available online, also in one of the skilling programmes organized by the school, he got a chance and typed a letter he saved in my documents. You have been Hannington's friend since senior one and he has come to you for help.



**Task**

Motivate Hannington by helping to identify the various possible storage media and how he can use them to transfer his favorite songs from the computer to their village.

**END**