

840/1

INFORMATION AND  
COMMUNICATIONS  
TECHNOLOGY (ICT)

Paper 1(Theory)

August 2024

2 Hours 15 Minutes



# MEBU EXAMINATIONS CONSULT

Uganda Certificate Of Education

## MOCK ASSESSMENTS 2024

INFORMATION AND COMMUNICATION TECHNOLOGY

Paper 1(Theory)

2 Hours 15 Minutes

### INSTRUCTIONS TO CANDIDATES

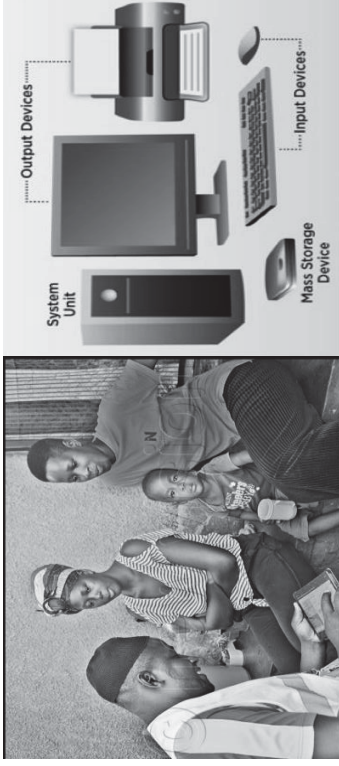
- ✓ This paper consists of **two** sections; **A** and **B**. It has **five** examination items.
- ✓ Section **A** has **one** compulsory item.
- ✓ Section **B** has **two** parts; **I** and **II**. Answer **one** item from each part.
- ✓ Answer **three** examination items in **ALL**.
- ✓ Any additional item(s) answered will **not** be scored.
- ✓ **All** answers **must** be written in the answer booklet(s) provided.

## SECTION A

Answer the item in this section.

### ITEM ONE.

In the recently concluded enumeration exercise conducted by the Uganda Bureau of Statistics (UBOS). Being a national wide duty, it involved very many stakeholders including but not limited to, census enumerators, supervisors, Census District Officers, Police, CAOs, leaders at the sub counties, municipalities and village chairpersons. Each supervisor was given a complete computer set with all the required peripherals, each census enumerator was given a data collection capturing tool to assist in the proper capturing and recording of peoples' details. Unfortunately, many supervisors and census enumerators had no enough training on matters pertaining the use of these ICT tools. UBOS held training of its team at sub county level across the country. You were contacted by UBOS to help in the training of the supervisors and the enumerators about assembling, usage and the importance of the required ICT tools. Your telephone contact was shared amongst the trainees to call you in case any challenges arose.



### TASK:

- In a write up, show how the supervisors and enumerators were able to assemble the different parts of a computer system to come up with a functioning computer.
- Underline the measures that were undertaken to ensure that the tools used were in the continued good working state.

the audience seems to be won over by your lyrics, accent and the vibe. Out of the blue, power goes off and there is total silence in the main hall. A standby generator was started and the DJ seems to be lost from the last stop. You quickly invite your friend to rush to the nearby music shop to carry your songs so that you can perform again.



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**Task:**

- Provide a list of devices/media/technology you are likely to use to transfer your favourite music from the music shop to the party hall.
- Guide the music shop attendant on the steps required to transfer the songs from his computer to the tool available for transferring the songs.

**END**

**SECTION B**

This section has **two** Parts; **I** and **II**.

**Part I**

Answer **one** item from this part.

**ITEM TWO.**

You have been appointed as the IT coordinator at Makerere University and you are responsible for managing the lifecycle of thousands of electronic devices, including computers, tablets, and smart phones. The institution is committed to sustainability and reducing the environmental impact.



**TASK:**

- Develop a comprehensive management plan that the university can use to reduce on the environmental impact of these aging devices.
- Advise the university on which measures they can undertake in the disposal of the same in an environmentally responsible manner.

**ITEM THREE.**

Education High school stores student records, including personal information, academic performance, and health data on the cloud based system. Recently, there have been concerns about the system's security particularly after Truth High school, a neighboring school

experienced a data breach. As network security expert, you have been assigned the role to ensure the school data is safe from these breaches.



Source: [www.wallpaperflare.com](http://www.wallpaperflare.com)

**TASK:**

- (a) Advise on the steps the school should undertake to ensure that the school data in the system is secure.
- (b) Educate the staff and students on how relevant it is to ensure data privacy and the risks associated with data breaches.

**Part II**

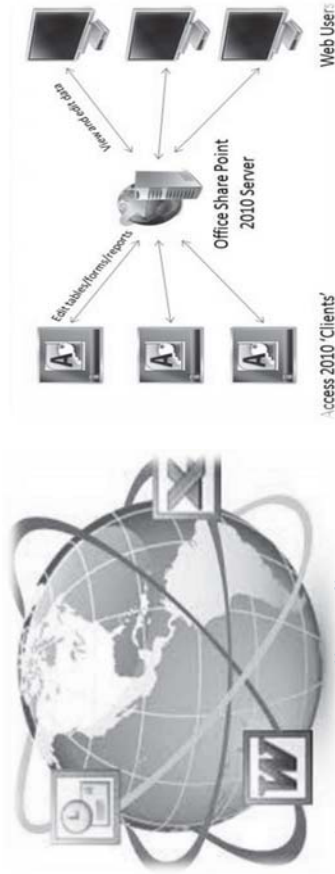
**Answer One Item From This Part.**

**ITEM FOUR.**

The MONEY CLUB is a new club joined voluntarily by employees of Sena General Hardware willing to change their financial and social status. In a meeting held at the start of the year, club leaders were elected as follows; Mr.Kiggundu K(chairperson),Namuddu R(secretary), Naluwagga E (Treasurer), Njogedde A (marketing). The minutes of the meeting were recorded in a 32 page Picfare book by the club secretary. Members’ contributions and membership fees were recorded by the treasurer in another physical ledger. The secretary also recorded the details about members in another book entitled “Money Club Information.”, the marketing officer also prepared information in different pages to be uploaded such that other members can

search about the club activities and its membership. All the above information was given to the chairperson so that he can make a presentation to the Centenary bank loan officer Rubaga branch. On reaching the bank, the chairperson was quickly advised by the loan officer to go back and use a computerized system so that he can hand in both a soft copy to the official bank email and a hardcopy to the branch manager.

The chairperson has invited you to guide him in coming up with both a hardcopy and a softcopy of the club documents.



Source: [www.wallpaperflare.com](http://www.wallpaperflare.com)

**TASK**

- (a) .Prepare a write up to the chairperson of the club containing different computerized software and how they can be used to by the elected club leaders.
- (b) .Demonstrate to the chairperson the steps taken to send the softcopy to the official bank email ([info@centenarybank.co.ug](mailto:info@centenarybank.co.ug)).

**ITEM FIVE.**

It has been a long journey of four years in this academic battle. In your school, a leavers’ party is a must in each and every year. The leavers’ party organizing committee was elected during the Friday class meeting led by your class teacher. Many of your classmates are excited about the party and some of them are even willing to participate in the miming of their favorite songs. A list of these songs has been collected by the secretary organizing committee. It contains songs such as Omwoyo, Masavu, Mbimalanga, Katonda yabadde mweno ensonga, Mai by B2C, Kani and Ampisizzaawo by Judith Babirye among others. You are already on stage performing and