

840/1
INFORMATION AND
COMMUNICATIONS
TECHNOLOGY (ICT)
Paper 1
(Theory)
Assessment 2025
2¹/₄ hours



ALLIANCE JOINT EXAMINATIONS BOARD (AJEB)

Uganda Certificate of Education

INFORMATION AND COMMUNICATIONS TECHNOLOGY

Paper 1

S.4

2 hours 15 minutes

INSTRUCTIONS TO CANDIDATES:

*This paper consists of **two** Sections; **A** and **B**.*

*It has **five** examination items.*

*The item in Section **A** is **compulsory**.*

*Section **B** has **two** Parts; **I** and **II**.*

*Answer only **two** items from this section, choosing **one** item from each part.*

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

TURN OVER

SECTION A
This Item is Compulsory.

ITEM 1

The Association of Business Studies and Entrepreneurship Teachers of Uganda (ABSETU) has recently raised concerns over the delay in curriculum reviews and lack of digital teaching resources in schools. In response, the Ministry of Education has scheduled an online stakeholders' meeting with the Executive Committee of ABSETU and selected teachers across the country. The meeting aims to address their concerns, share important presentations, and gather feedback in real time.

However, while some members are ready and equipped to attend, a number of teachers in remote areas are struggling to set up the necessary ICT infrastructure due to limited technical skills and inadequate access to digital tools.

You are an ICT resource person selected by the Ministry to guide these teachers on how to prepare for and successfully participate in the virtual meeting.

Task:

As an ICT resource person, explain to the group of teachers the ICT tools they can use to participate in the virtual meeting, how to set up and use these tools effectively, and provide additional tips to ensure a smooth and successful meeting experience.

SECTION B PART I

*Answer **one** item from this part*

ITEM 2

A recent school inspection report revealed that many secondary schools across Uganda are storing broken computers, outdated mobile phones, and damaged printers in classrooms and storerooms due to a lack of proper disposal methods. In some cases, learners have been seen handling these devices unsafely, exposing themselves to harmful materials. Additionally, some discarded digital devices still contain personal data and school records, increasing the risk of data breaches. As an ICT student who has studied responsible e-waste management, explain the strategies that schools and individuals should adopt to properly manage ICT waste and reduce both environmental and data security risks.

Task:

Describe the best practices that schools and individuals should follow to manage ICT waste safely, including how to dispose of old devices, and reduce health and environmental risks.

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ITEM 3

A close relative of yours has recently taken on more computer-related tasks at their banking job, leading to long hours in front of a screen. As a result, they are experiencing physical discomfort such as eye strain, headaches, and wrist pain. They have also been assigned the responsibility of handling confidential customer information but are unsure how to protect it from cyber threats. As an ICT student, explain the measures your relative should take to reduce physical health problems caused by prolonged computer use and outline the key cybersecurity practices that can help safeguard sensitive data at the workplace. **Task:**

What is your advice on how to manage health while using a computer for long hours and provide guidelines on how to secure sensitive customer data.

PART II

*Answer **one** item from this part.*

ITEM 4

The National Identification & Registration Authority has introduced an online system so as Ugandans with expired National IDs can Apply online. Your father is asking for your favor because he read in a newspaper that there is a possibility for those with expired IDs to apply online and later visit the nearest NIRA office with the Reference number that is sent on their mobile number or e-mail but does not know how to navigate the online platform to fill and submit the required forms.

Task:

Provide a step-by-step guide on how your father can successfully apply for his National ID renewal using the NIRA online system.

ITEM 5

Kasongo has worked for Mbale general stores Branch Manager for 5 years. One of her key responsibilities is to track employee attendance and organize monthly reports. She has been using a 200 black book and pieces of Paper to perform her duties. However, starting next month, The Director of Mbale general stores as asked all the branch managers to employ ICT in their daily duties. He has bought them new Laptops with spreadsheet software to use in the management. However, Nabuduwa has never used a spreadsheet before and is unsure how to organize the data, apply basic formulas, and format the report.

Additionally, she is required to send the finalized report via email to her manager every month but does not know how to attach and send files.

Task:

Guide Kasongo on how to create a simple spreadsheet file where she can keep records and provide the steps she should follow to email the report to her director. **END**