

840/1
INFORMATION AND
COMMUNICATIONS
TECHNOLOGY (ICT)

Paper 1
Apr/May. 2025
2¹/₄ hours



KABS ICT RESOURCES CENTER

Uganda Certificate of Education

INFORMATION AND COMMUNICATIONS TECHNOLOGY

Paper 1

Theory

2 hour 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

This Item is Compulsory

ITEM 1

Sarah operates a small but growing poultry farm on the outskirts of Masindi town. She keeps physical records of egg production, bird feeding schedules, and customer orders in several notebooks. However, she often loses track of which birds were fed at what time and finds it hard to determine whether she is making profits or losses. Sometimes, her books get misplaced or damaged due to poor storage, and she struggles to summarize sales and production trends for her monthly planning.

Recently, an agricultural extension officer visited her farm and observed these challenges. He advised her to adopt digital tools to manage her records and improve planning and decision-making.

Task:

- (a) Advise Sarah on the most appropriate ICT tools she can use to manage and analyze her poultry farm records.
 - (b) Explain how Sarah can back up her data to avoid future loss or damage.
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SECTION B

PART I

Answer one item from this part.

ITEM 2

At Bright Future Secondary School, the administration has observed that many learners are increasingly distracted in class due to constant use of smartphones and other digital devices. Some students secretly browse social media during lessons, while others stay up late chatting, watching videos, or playing games. This has contributed to poor academic performance, complaints of fatigue, and health concerns like eye strain and poor sleep patterns.

Concerned about the situation, the school principal proposes a campaign to raise awareness about the consequences of excessive ICT use and promote healthier digital habits among students.

Task:

Prepare a short guide for students on responsible internet use, highlighting potential dangers of misuse and how to use the internet ethically and safely in a school setting.

ITEM 3

During a class group presentation at Lakeside Secondary School, students attempted to use a projector to display their PowerPoint slides. The student responsible for setting up the equipment mistakenly plugged the projector's power cable into an incompatible socket without checking the voltage. This resulted in a sudden electrical surge, which caused the projector and the connected laptop to stop functioning. There was also a burning smell, causing panic in the class.

Later, the ICT teacher discovered that the equipment had not been tested or maintained for months and that learners were not given guidance on proper hardware handling.

Task:

- (a) Explain the causes of such ICT hardware damage and the precautions that learners and the school should take to prevent electrical accidents and protect devices.
 - (b) Describe how the school can manage and safely dispose of damaged or obsolete ICT equipment stored in the lab or other offices.
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PART II

Answer one item from this part.

ITEM 4

Joel, a Senior Four student at King's View Secondary School, has been nominated to represent his district in a national ICT quiz competition. The competition will be held online, and participants are expected to register using a website, log in using credentials provided after registration, and complete the quiz under timed conditions. Joel is excited about the opportunity but admits he has never participated in an online assessment before.

He approaches you for help, worried about technical mistakes he might make during registration, accessing the platform, or submitting the quiz properly.

Task:

Write a detailed step-by-step guide for Joel on how to register, prepare for, and successfully participate in the online quiz using ICT tools.

ITEM 5

The Uganda National Cultural Council is running a competition where youth groups across the country are invited to submit proposals for community arts and culture projects. Submissions are to be made through a national online platform in PDF format. The deadline is just a few days away.

A youth drama group in your community, led by a passionate but computer-illiterate coordinator, has drafted their proposal on paper and needs urgent help converting it into a digital format and submitting it online. The coordinator heard that you are good with computers and has asked you for assistance.

Task:

Write a step-by-step guide to help the group leader complete and submit the proposal successfully online.