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INFORMATION AND
COMMUNICATIONS
TECHNOLOGY (ICT)

Paper 1
May/June 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 marked.*

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

SECTION A

This Item is Compulsory

ITEM 1

Rebecca runs a small printing and secretarial shop near a secondary school in Rukungiri. Many students and teachers come to her shop to photocopy notes, type reports, or print assignments. However, during the first school term, her business slowed down because her printer frequently failed, her flash disk got infected by a virus, and her customers complained about delays and lost files.

After a discussion with a friend who owns a tech store, Rebecca realized that she needs to improve how she handles files, protects her devices, and maintains her equipment.

Task:

- (a) Explain the ICT tools and practices Rebecca can adopt to prevent file loss and protect her devices from viruses.
- (b) Describe how she can maintain her printer and other ICT tools to ensure smooth service delivery.

SECTION B

PART I

Answer one item from this part.

ITEM 2

At Bukoto Modern School, an old desktop in the staff room suddenly crashed after a suspected power surge. It was later discovered that the antivirus was outdated and the system had been infected through a flash disk, leading to the loss of administrative records. Meanwhile, several other computers that had broken down over the years were piled in a store room, gathering dust and leaking components. The deputy head teacher is now concerned about both the safety of school data and the environmental effects of the dumped equipment.

Task:

- (a) Explain the possible causes of the above issues and suggest measures the school should take to protect data and prevent ICT equipment damage.
- (b) Describe how the school can manage the unused or damaged ICT equipment responsibly.

ITEM 3

At Bwera Youth Centre, a digital entertainment corner was set up to help youth improve their computer skills. However, some visitors spend excessive hours playing games, watching videos,

or browsing unregulated websites using shared devices. Others stay online late into the night or use their phones while walking along the road.

Recently, some reported health issues such as eye strain and neck pain, while others lost personal information after using unsecured sites.

Task:

Explain the consequences of careless ICT usage among youth, especially in relation to health, safety, and data protection. Recommend ways these risks can be reduced through better digital habits and safe internet practices.

PART II

Answer one item from this part.

ITEM 4

An international children’s magazine has invited Ugandan learners to submit articles on environmental conservation. Submissions must be typed, saved in the correct format, renamed properly, and uploaded through a special website link. Students are also required to attach a scanned passport photo and a short bio in one folder.

Sarah, a Senior Two student at Kitebi High School, has written her article but is unsure how to prepare the digital files, organize them, or upload them to the website.

Task:

Write a step-by-step guide to help Sarah prepare her article, bio, and photo in the correct digital format, organize them into a folder, and upload them successfully through the magazine’s online submission link.

ITEM 5

The Uganda Electoral Commission is updating the National Voters Register in preparation for the 2026 general elections. Citizens are required to verify their details online and submit any corrections, such as changes in name spelling, date of birth, or residential address, using the official portal.

Your neighbor, Mr. Bukenya, has discovered that his name and residential address were recorded incorrectly on the register. He would like to submit the correct information and supporting documents, but he does not know how to go about preparing the information or sharing it online.

Task:

Explain how Mr. Bukenya can prepare the necessary documents, organize them appropriately on a digital device, and upload them securely through the voter verification portal.

END