

840/1
INFORMATION AND
COMMUNICATIONS
TECHNOLOGY (ICT)

Paper 1
November 2024
2¼ hours



KABS' ICT RESOURCES CENTER

Senior Three End of Year Examination

INFORMATION AND COMMUNICATIONS TECHNOLOGY

Paper 1

Theory

2 hour 15 minutes

INSTRUCTIONS TO STUDENTSS:

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

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

*Section **B** has **three** items. Answer **two** items from section **B**.*

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

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

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

Contact **0775610762** For a Marking Guide with Expected Responses at **5000/=**

SECTION A
Item 1 is Compulsory

ITEM 1

In Uganda, many rural schools face challenges accessing resources for teaching and learning due to distance and resource limitations. Kato's Secondary School, located in Kabale District, recently received a grant to install ICT tools for virtual learning sessions with schools in Kampala.

Task

Explain how virtual learning sessions between Kato's Secondary School and a Kampala-based school can be set up using ICT tools.

Discuss the necessary safety precautions Kato's students and teachers should take to protect personal data during these virtual learning sessions.

SECTION B
Answer Only Two Items

ITEM 2

Wandegeya High School is organizing an inter-school career fair. They plan to showcase live presentations about career paths in ICT to students gathered in the school hall.

Task:

Advise the organizing committee on the hardware devices needed to set up a live presentation. Explain how each device would support the presentation, and outline essential safety measures to ensure the hardware devices are used effectively and without risk.

ITEM 3

Due to a recent rise in cases of malaria, your school has been chosen to provide information to help prevent the spread of the disease. You have been asked to research and compile information on malaria, including causes, symptoms, prevention, and treatment options.

Tasks:

- a) Describe how you would search for information on malaria, organize it, and share it with community members using ICT tools.
 - b) List the precautions you would take to ensure safe and respectful internet use when gathering and sharing information.
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ITEM 4

The Community Development Office has set up a computer lab in your local area for public access. However, many people use the computers for extended periods without understanding the potential health risks.

Tasks:

Prepare a short report:

- a) Identifies common health problems from long-term computer use.
 - b) Explains practical tips to avoid each health problem.
 - c) Encourages safe computer practices for community members, especially on posture, screen breaks, and lighting adjustments.
- END**