

840/1
INFORMATION AND
COMMUNICATIONS
TECHNOLOGY

Paper 1
April/May, 2026
2 hours



KAGADI JOINT MOCK EXAMINATIONS CONSULT
END OF TERM ONE EXAMINATIONS, 2026
S.2 INFORMATION AND COMMUNICATION TECHNOLOGY

Paper 1
(Theory)
2 hours

INSTRUCTIONS:

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

*Section A has **one** item and it is **compulsory**.*

*Section B has two parts; I and II. Respond to **one** item from each part.*

*Respond to **three** examination items in **all**.*

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

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

SECTION A

*This item is **compulsory**.*

Item 1

A community cooperative in Kagadi manages agricultural business. Currently, all records of harvests, member contributions, and market prices are kept in handwritten notebooks and ledger books, which often got misplaced or damaged by rain. Some of the records in the books was stolen by one of members because he never wanted to pay back the money, the cooperative had borrowed him. Members do not get feedback/information like price updates, and payment status from cooperative manager in time. Field information collectors find it difficult to send information to the station manager in real-times and this brings delay in decision making.

One of the group members has raised a concern to adopt the use of ICT tools to prevent such challenges and also, they do not know how they can maintain the ICT tools in good working conditions.

You, being experienced in ICT, the manager has approached you for guidance.

Task

- Guide the manager on the appropriate ICT tools to Purchase to solve cooperative challenges.
- Explain the care and maintenance of the ICT tools they are likely to buy.

SECTION B

This section has **two parts; I and II. Respond to one item from each part.**

Part I

Respond to **one** item from this part.

Item 2

At the St. Mary's Science Lab, the laboratory assistant noticed that three of the newly installed desktop computers have started performing poorly. One computer makes a *loud grinding noise* as soon as it is turned on, another frequently displays a "*Keyboard Not Found*" error even when the keyboard is plugged in, and the third one shows a "*No Boot Device Found*" message on a black screen during startup. On inspection, the assistant found that students often eat snacks near the computers, and the lab windows are left open, allowing road dust to blow directly onto the system units. Additionally, the power backup system (UPS) for the lab is currently broken.

Task

Analyze the hardware issues described above, explaining the likely causes for each specific symptom, and recommend a comprehensive maintenance routine to prevent these problems from re— occurring.

Item 3

A designer at Mbarara Multimedia Studio spends long hours sitting in a small, brightly lit office using two monitors, a mouse, and a graphics tablet to edit videos. She rarely takes breaks, eats snacks at her desk, and often complains of eye strain, back pain, and fatigue from working under pressure to meet deadlines. Her employer is concerned about her health and wants to maintain productivity without overworking staff.

Task

Explain the possible ICT—related health problems she faces and suggest practical measures she can take to stay healthy and productive.

Part II

Respond to **one** item from this part.

Item 4

A group of Senior two students is working on a collaborative project titled "*The History of Our District.*" They have gathered dozens of files, including interviews recorded as MP3s, scanned historical maps in JPEG format, and several versions of their report in Word. Currently, all these files are saved directly on the Desktop of a shared computer with names like "*stuff.mp3*," "*new file.docx*," and "*scan1.jpg*." Yesterday, one student accidentally deleted the "final" version of the report while trying to find a photo, and now the team is struggling to identify which "image" file belongs to which chapter of their project.

Task

Explain how the students should organize their project, suggest a professional file-naming convention, and describe the steps they should take to ensure their work is backed up and protected from accidental deletion.

Item 5

Your school wants to prepare a formal newsletter to be sent to parents. This task has been given to a team of 10 students being headed by the Prefect President and information Minister. They have been tasked to create, design and print a professional newsletter using any available appropriate software installed in the computers in the school lab.

The team is not sure of how to handle this task and they have approached you for help.

Task

Make a write up to guide the team of ten students on how they should a good-looking newsletter