

Candidate's Name:.....

Signature: .....

| Random No. |  |  |  |  | Personal No. |  |  |
|------------|--|--|--|--|--------------|--|--|
|            |  |  |  |  |              |  |  |

*(Do not write your School/Centre Name or Number anywhere in this booklet.)*

840/1

**INFORMATION AND  
COMMUNICATIONS  
TECHNOLOGY**

**Paper 1****July /August, 2025****2 ¼ hours****GLORISO EXAMINATIONS BOARD (GEB) - KAMPALA****SECONDARY SCHOOLS JOINT MOCK ASSESSMENTS, 2025***Uganda Certificate of Education***INFORMATION AND COMMUNICATIONS TECHNOLOGY****Paper 1**

Theory

2 hours 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 booklets (s) provided.*

**SECTION A**

*This section is compulsory.*

**Item 1.**

Kolir Secondary School in Bukedea district has been selected to participate in the final debating competitions with the champions of Rwanda, Kigali secondary school. However, it is expensive to transport the all the debaters to class to Rwanda. With the use of ICT tools, it is possible for the debate to take place without the two schools meeting physically.

**Support material**

2

**Task:** As an ICT learner,

- Explain how the debate session between the two schools can be conducted virtually with the use of ICTs.
- Suggest the precautions that should be taken when using the ICT tools in (a) above.

**SECTION B**

*This section has **two** parts*

**PART I**

*Answer **one** item in this part*

**Item 2.**

Grand Shaw Christian High School in Mukono district is planning to have a career day to sensitize S.2 students about the importance of vocational subjects. The 200 students of S.2

will assemble in the main hall, which has a power supply. The career teacher will share pictures and videos showing areas where various subjects are applicable. Some students may request some pictures and videos to show to the parents.

**Task:**

Advise the career teacher regarding which computer devices will be needed and how they work to support the presentation.

**Item 3.**

The government of Uganda through the rural communication development (**RCD**) has been setting up computer centers in various rural areas in Uganda. These centers provide internet services, computer maintenance, and repair services and computer literacy trainings among others services. The users of these services include community farmers searching for markets, teachers searching teaching and learning materials and graduates searching for jobs. Most of these people use the computers for long periods of time or hours.

You have been selected by **RCD** to sensitize these people about the health and safety risks of prolonged use of computers.

**Support material****Task:**

Prepare a sensitization presentation which you will deliver.

**PART II**

*Answer one item in this part.*

**Item 4.**

Your town council got new computers from the Ministry of ICT and National Guidance to establish a computer center. The town council chairperson has found out that copies of correspondence and files sent by the town council via these computers have been seen by other people elsewhere being misused and modified for personal gain and that some of the computers with sensitive information are missing. The town council chairperson is now much concerned and has sought help from your school.

4

**Task:**

- (a) Prepare a write-up on how you are going to work on physical security of computer systems in the town council.
- (b) How are you going to ensure that the security of information leaving and coming into the town council computer network is not accessed by unauthorized people virtually?

**Item 5.**

The computer laboratory of Nyondo SS in Mbale district is having a lot of e-waste that has accumulated over time. It consists of used up printing cartridges and projectors which are damaged due to a power surge, old printers, keyboards, mice, monitors and system units. The school is tired of the waste and wants to dispose it off through proper management. You have been identified as the best person to handle this work.

**Task:**

- (a) Make a write –up advising the school on how best the e-waste in the computer laboratory can be managed.
- (b) Sensitize the school community about e-waste dangers, proper e-waste collection, disposal and management.

**\*\*GOOD LUCK\*\***

**\*\*THE END\*\***