

Candidates' Name:

Signature:

Random No.					Personal No.		

(Do not write your school / Center name or Number anywhere on this booklet)

845/1

**INFORMATION AND
COMMUNICATION
TECHNOLOGY**

Paper 1

July / Aug 2024

2 $\frac{1}{2}$ HOURS



KAMTEC EXAMINATIONS BOARD

**Uganda Certificate Of Education
INFORMATION AND COMMUNICATION TECHNOLOGY**

Paper 1

TIME: 2 hours 30 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

Answer **all** items in this section

Item 1

It is a field tour where learners of Katosi Winners S.S have been assigned to visit Sombe supermarket, Uganda National Museum, Entebbe International Airport and other places. The field tour is aiming at ensuring deeper understanding and appreciation of ICTs and how they can be integrated in various fields.

Unfortunately, all the places were not visited as planned due to the breakdown of their bus. After the breakdown of the vehicle, it took almost 5 hours in the garage hence a failure to reach all places as planned. They came back very dissatisfied and



SOURCE IMAGE: <https://google.com/images?>

helpless, since the objectives of the field tour were not fully achieved and the driver refused to refund the money you had contributed as transport.

Receiving this report, the school has chosen to organize an internal workshop where experienced ICT professionals

will expound on the use of ICTs.

Task

You have been invited as one of the experienced ICT users;

- (i) Guide the participants on how best to achieve the intended objective of the tour in the selected areas as indicated in the text.
- (ii) Advise further on how one can ensure safety and maintenance of the ICTs used in places identified

SECTION B

This section has two Parts; I and II.

PART I

Answer one item from this part

Item 2

The government of the Republic of Uganda resolved to have all the public offices & school to have brand new computers donated through ministry of ICT. It will a mandate that office holders should adopt use of these machines. However, in a certain school in Karamoja it so happened that almost all the workers have little or no computer literacy at all, this has caused a lot of worries anxiety and misery that has hit almost everyone among the staff.



IMAGE: Picture of computer box

Tasks

You have been invited as a special guest of the day during the school retreat.

- a) Prepare a presentation that will help the school about the items being delivered.

Be clear on what they are and how each can be used.

After the occasion, you were given a packaged gift, with a lot anxiety reaching home to find out, you discovered that you had the following items;

- i). 3 power cables
 - ii). VGA cable
 - iii). An extension cable
 - iv). Power socket
- b) Assuming you have been waiting for the above equipment to have a working computer system, describe how you can have a working computer system.



Item 3

Ms. Lilian Nabanja has been teaching in Kigoonya secondary school for the last 2 years and acting as a HOD English language, this year, the board of governors has agreed to promote her as the Deputy Academics but she has started threatening to leave the school due to too much disorganization in records. Sometimes she fails to retrieve the past records of the learners and the DOS refuses always to cooperate.

She is always seen pulling down heaps of papers and box files in search for the learners results whenever need be and sometimes she keeps delaying academic meetings due to the delayed reports. She feels it is high time she adopted the modern trends of record management.



<https://www.google.com/imgres?q>

Task

- i) If Ms. Lilian Nabanja approaches you to guide her through the procedure, provide a write up showing required steps and ICTs on how he can modernize her office.
- ii) Show different storage media that can be used to manage his records including sharing with the colleagues.

Part II

Answer **one** item from this part.

Item 4

Ainembabazi Jackie finished her senior six from Abim S.S in Abim northern Uganda. Since then, she has been looking for a scholarship to proceed to the University to pursue her dream course in medical imaging. She later discovered someone who has agreed to sponsor her studies at Ernest Cook University in Kampala. During the orientation at the university, she discovered that the university uses technology, especially on teaching and learning. She is worried on how well she will adopt to the system to enable her keep accessing the resources provided by the tutors in the classroom and colleagues including working out the coursework.



Figure 1 <https://www.google.com/imgres?w=images>

Source: <https://www.google.com/imgres?q=images>

Tasks

You have been asked by the HOD to make a presentation on helping students like Ainembabazi on;

- i) At least possible tools to be used to quicken the learning process during and after class to ease learning and resource sharing.
- ii) Associated issues that the school is possibly facing by the fact that they depend on the internet to conduct its business with the students.

Task

Make a presentation

- i) Guiding citizens on how best and ICTs that could be used to effectively share information with one another among those and far communities.
- ii) Clearly, explain how they will keep safe while adopting the use of technologies.

Item 5

The ministry of education has organized a workshop inviting all university teacher graduates to discuss some critical issues regarding their career especially now that are in the field. they have been advised among other things to register with the ministry through www.tmis.ac.ug such that they become registered teachers.

Additionally, as they choose to register, they are supposed to prepare their academic documents in one file and it is saved as academic documents in a pdf format which acts as an upload. They have been advised further by the commissioner for education to keep on standby to grab the opportunities available, therefore, they should prepare their applications and their CVs in a single folder and send it on helpteachers@gmail.com.

This has left most of them very disturbed since some seemed to have forgotten some of their ICT skills.

Task

One of the participants approaches you to guide her through the procedure, provide a write up showing required steps and ICT tools that she should use to successfully comply with the above recommendations

THE END