

840/1
**INFORMATION AND
COMMUNICATIONS
TECHNOLOGY(ICT)**

Paper 1

2024

2½ hours



UGANDA TEACEHRS EDUCATION CONSULT

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.

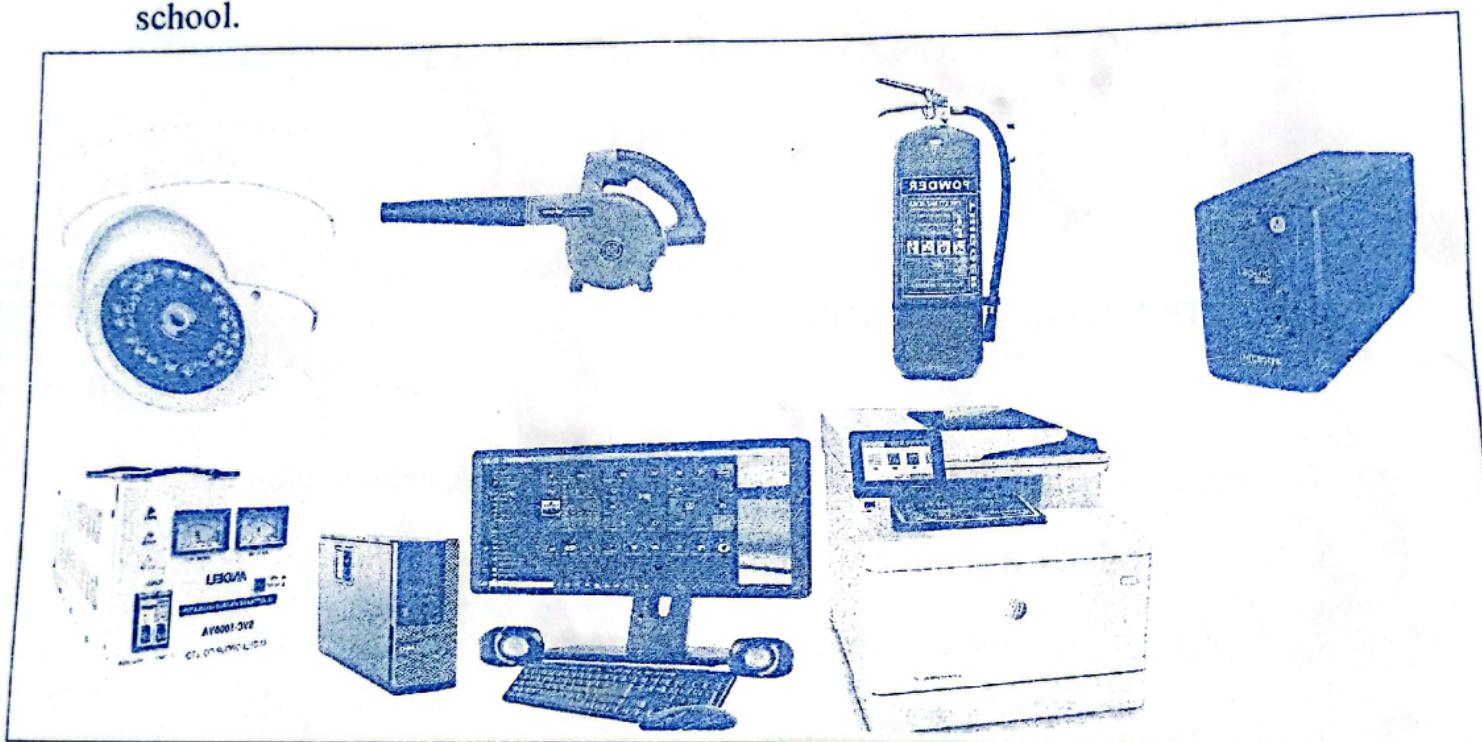
All answers must be written in the answer booklet(s) provided.

SECTION A
This section is compulsory

Item 1

Paraketo Secondary school which is located in a rural area recently received a donation of different categories of ICT tools from World Bank to help them support the teaching learning process at the school, improve digital literacy and also digitize most of the activities at school, the World Bank representative advised that a computer laboratory should be set up, develop policies for usage and management of the laboratory to ensure security and safety of the ICT tools donated.

The images below show some of the items donated to Paraketo Secondary school.



Task

You have been hired as an ICT expert to:-

- (a) Give advice on a suitable place where the computer laboratory is to be set up and develop end user policies that will govern proper usage of the computer Laboratory.
- (b) Make a write up explaining the reasons for donation of additional ICT tools as seen from the support materials.

SECTION B

This section has two Parts; I and II.

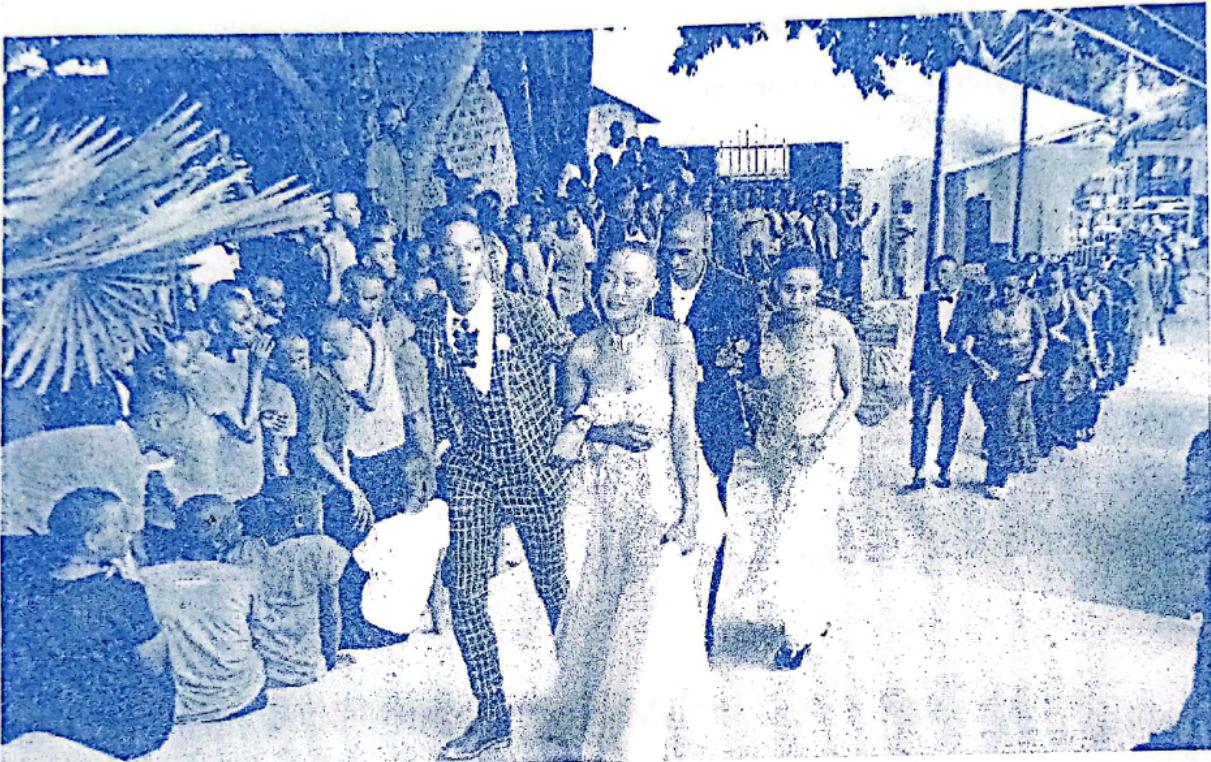
PART I

Answer one item from each part

Item 2

Senior one and senior five students of St. Mark secondary school recently held their welcome party ushering them in the school. During the party, they conducted live streaming, took a number of photographs some of which were printed right away, saved most of the photos taken by the Digital camera on the desktop computers in the computer Laboratory while others were uploaded on the school website.

SUPPORT MATERIALS



Task:

- a) Make a write-up explaining to classmates the steps you took to transfer the photos taken using the digital camera to the desktop computer in the Laboratory.
- b) Prepare a written guideline showing the procedure followed to upload the video to the school U-tube channel <https://www.stmarysss.ac.ug/u-tube> videouploads and also send some of the photos to the email address classmates24@gmail.com

ITEM 3

Some common PC specifications you should consider when buying a new computer include the central processing unit (CPU) type and speed, random-access memory (RAM) capacity, storage type and size (hard drive (HD) or solid-state drive (SSD)), graphics processing unit (GPU) and memory, display resolution, and the operating system. Processor speed, Device types, RAM, Cable connectors or go wireless.

Computer systems must be protected to function for a long period of time.



Dell

Dell OptiPlex 7000 7490 All-in-One Computer - Intel Core i7 10th Gen i7-10700 Octa-core (8 Core) 2.90 GHz - 16 GB RAM DDR4 SDRAM - 256 GB M.2 PCI Express NVMe SSD - 23.8" Full HD 1920 x 1080

5.0 rating Write a review

Availability: Out of stock Imported from USA store

SEARCH FOR SIMILAR PRODUCTS

Ships from Ubuy. Sold by: EliteValue Tech

Genuine

- (a) Write various methods Martin could use to check for the above specifications of the PC displayed in the support material above.
- (b) While working on his Old desktop computer, Martin's realises his computer is of 1GB ram, a duo core processor, keeps freezing all the time, restarts itself, complains of low disk space, low virtual memory, documents disappear without trace. Make a write up on what solution could be available to Top management the existence of such occurrences and solutions to avoid such. What solution could you avail him.

Part two
Answer one item from each part

Item 3

Joel has just completed his S6 in one of the nearby secondary schools. One of his subsidiary subjects at A-level was ICT. He is very creative and talented in using office applications. His creative mind has also got extend his knowledge to the people around his home village.

Recently he was approached by one of the village mate who asked him to show him the way he could send several typed formal letters at the same time using some of the office application.

Prepare a write up to his ordinary villagements demonstrating how he could complete mail merge using a word processing software.

Item 4

Your brother obtained a scholarship in one of the most respected universities in the world - Oxford University to study a master's Degree in Computer science. As one of a few ICT experts in the family, He has requested you to gatherfamily members to enable him update them about the current situation he is facing overseas as he continues to pursue his course.

You intend to rely on the use of ICTs to involve all family members in this unusual but interesting meet up.

Task

- (a) Prepare a document that the family can use as a guide in order to organize and have a successful family gathering.
- (b) Advise on the precautionary measures to be followed for the meeting to take place smoothly.

END