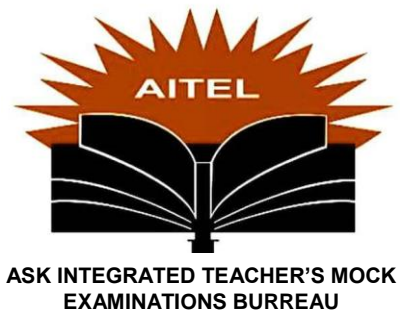


840/1
INFORMATION
AND
COMMUNICATION
TECHNOLOGY
PAPER 1
JULY/AUG 2024
2 $\frac{1}{4}$ hours



AITEL JOINT MOCK EXAMINATIONS.

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*

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

SECTION A

Answer the item in this section

Item 1.

The school ICT Club is planning to have a presentation about their projects and innovations to parents on visitation day in the main hall. Which has a power supply. The ICT club will share pictures and videos showing their innovations. Some students and parents may request for some pictures and videos after the presentation.

Task

Advise the ICT club regarding which computer hardware devices will be needed and how they work to support the presentation to the parents?

SECTION B

This section has two Parts; I and II.

PART I

Answer one item from this part

Item 2.

Senior four candidates of a certain secondary school recently went for a Geography trip to Entebbe national Airport and they took some photos using their class teacher's digital camera.

Task

Upon returning to school, the students transferred all their photos from the camera to one of the desktops in the computer laboratory. The photos were saved in a folder with a size of 5GB. The student's class captain later shared all their photos with one of their former classmate who is recently in Rwanda.



- a) Explain how the photos were sent to the former classmate in Rwanda starting with transferring from the camera?
- b) Students were later given 12 new CD's each of 700MB by their teacher on which to save their trip photos, Describe how the trip photos were transferred from the hard disk to the CDs provided by the teacher and how many CDs were used?

Item 3.

Your school is planning to install Wi-Fi internet connection for use by learners and staff. The head teacher of your school has asked you to educate all potential users (fellow learners and staff) about the possible risks associated with internet use and the safety practices to avoid them.



Tasks

- a) Develop a sensitization message to convey the information above?
- b) Describe how you can share the message developed in (a) above with the fellow learners and staff?

Part II

*Answer **one** item from this part*

Item 4.

The Ministry of Education and Sports is preparing to distribute computers to all secondary schools in your district in a workshop at the district headquarters on the 20th -of -August -2024. Computers excite students and they tend to use them for long hours.

Task

You have been requested by the District Educational Officer (D.E.O) to prepare a report aimed at educating ICT teachers during the workshop about the health and safety precautions associated with computer use?

Item 5.

The Uganda Communications Commission (UCC) is planning to set up a model computer educational center in your locality with thirty networked computers.



Task

You have been requested by the local council committee to prepare for them a report on what hardware devices they should expect from UCC and any other component that would enable the computers to function very well and then explain how each device would be used by the community?

END