

840/1
INFORMATION AND
COMMUNICATIONS
TECHNOLOGY (ICT)

Paper 1
July/August 2024
2¼ hours



WAKISSHA 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.*

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

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

SECTION A

Answer the item in this section

Item 1

Yonah operates a photo studio in a trading centre, he takes photos for his clients and sometimes frame them. His clients keep on complaining about the quality of services and ICT tools used in business. He is scared that his customers may be taken by his competitors.

He contracted his friend in the city centre having the same business and he sent him pictures shown below.



Task

- Prepare a document to guide Yonah on the appropriate ICT tools that can be used to improve his photo studio.
- Advise Yonah on how to maintain the selected ICT tools in good working condition.

SECTION B

PART I

Answer one item from this part

Item 2.

Kyeswa SS is a community school founded by community members including parents and well-wishers. The school was initially using a manual system to record student's scores in Activities of Integration (AOI) and project assessment and had a population of 200 students. When the student's population increased to 900 in two years, it became difficult and tiresome to correctly record and retrieve student's data. Of recent, the school opted for School Management Information System (MIS) which is used by almost all the staff since its networked. The bursar uses it for fees records and registration of new students while teachers use it to record student's scores. However, the administrators realized that; a lot of ICT devices were needed, there was data loss and errors in marks of students' scores and sometimes the system could slow down and fail to work due to malware.



Task

- Make a write up detailing how the school IT administrators can solve the identified challenges while using a variety of security techniques.
- After acquiring many ICT tools, they are liable to failure to work; as an ICT student demonstrate how the school can manage ICT devices that are no longer needed or in use.

Item 3

LUNAR is a primary school where pupils are taught basic ICT practical skills; the school has few computers which have worked for a long period of time. At the beginning of the year, majority of the computers and their components in the laboratory could no longer work properly and some failed to work completely.

The computer laboratory is a small room and the laboratory attendant decided to pack the items that failed to work in shelves as shown in the picture below.



Task

- Guide the laboratory attendant and the school on the possible causes of the above incidences and suggest measures to prevent them.
- Prepare a document on how to manage the items packed in the shelves.

PART II

Answer **one** item from this part.

Item 4

Stuart is a senior six vacist and of recent UBOS advertised some temporary vacancies where people were needed to participate in the national census and senior six vacists were also eligible to apply.



In any correspondence on this subject please quote Ref: **UBOS/10/2/1**

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13th March 2024

EXTERNAL ADVERT

EMPLOYMENT OPPORTUNITY

UBOS is a semi-autonomous agency of Government responsible for maintenance, coordination, supervising and monitoring of the National Statistical System to ensure the collection, analysis and dissemination of standardized statistical information. The Bureau is also mandated as the principal official statistics producing agency in the country.

UBOS will be undertaking the National Housing and Population Census and is therefore seeking dynamic, competent, self-motivated, result oriented, and good team players of strong character and high integrity to fill the positions below: -

JOB TITLE:	Stores Assistant (06)
JOB REFERENCE:	UBOS /SO-HPHC/03/2024
REPORTS TO:	Stores Officer
SALARY SCALE:	UBOS SP4
EMPLOYMENT TERMS:	Contract (6 Months)

Job Summary:
Implement systems for safeguarding census assets and stores items in line with UBOS corporate objectives.

UBOS requires applicants to submit their application letters, CVs, and academic documents online using Email: ubosugandarecruit2024@gmail.ac. However, Stuart's academic documents are kept at home in an envelope and he doesn't know how to go about this process. Stuart has approached you, as an ICT student to guide him through the procedure

Task

Prepare a write up showing the required steps and ICT tools that Stuart should use to successfully submit his application.

Item 5

James and John are friends, James went to Moroto for work while his friend lives in Kabale, they usually communicate on whatsapp. James promised John to look for him a job where he works.

He finally got for him a job, but James is always very busy on work, he sent him the e mail address on whatsapp where John has to send his application letter and attach academic documents, John has an e-mail account which was created by his friend.

John stored documents on his smart phone, he has never used the e-mail which was created by his friend but has an e- mail application on the phone as shown below.



Task

If John approaches you to guide him through the procedure, provide a write up showing the required steps and ICT tools that John should use to successfully submit his application letter with documents attached.

END