

840/1
INFORMATION AND
COMMUNICATION
TECHNOLOGY (ICT)

Paper 1
2024

Time: 2¼ hours



MATIGO EXAMINATIONS BOARD

INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)

Paper 1

Theory

2 hours 15 Minutes

INSTRUCTIONS TO LEARNERS:

- ✓ *This paper consists of **two** sections; **A** and **B**. It has **five** examination items.*
- ✓ *Section **A** has one **compulsory** item.*
- ✓ *For section **B** has two parts; **I** and **II** Answer **one** items from this section.*
- ✓ *Answer **three** examination items in all.*
- ✓ *Any additional item answered will **not** be scored.*
- ✓ *Try to be elaborate enough while giving your ideas. use of appropriate examples and illustrations in your responses will lead to more satisfaction.*
- ✓ *All answers **must** be written in the answer booklet(s) provided.*
- ✓ *Use only blue and black ball point pens.*

SECTION A

*Answer **all** items in this section.*

Binene, a versatile supplier, provides schools in his village with a range of essential items, including stationery, dining and kitchen utensils, beans, Posho, Science Lab equipment, and office furniture. Over the past six months, he has received three separate requests from clients to supply computers and other digital equipment, which he declined due to his limited knowledge of suitable digital equipment for schools and concerns about potential high costs associated with repairs or replacements. Despite this, Binene is determined to expand his business and recently visited an electronics store, where he was handed a flyer showcasing their products.

Hint:

Some of the items listed on the flyer given to Binene

- | | |
|----------------------|---|
| 1. Smartphones | 10. Antivirus software |
| 2. Laptops | 11. Home audio systems |
| 3. Tablets | 12. Accessories (chargers, cables, cases, etc.) |
| 4. Desktop computers | 13. CC-TV cameras |
| 5. Digital Cameras | 14. UPS (APC) |
| 6. Microsoft Windows | 15. Printers |
| 7. Headphones | 16. LCD Projectors |
| 8. Gaming consoles | 17. Projector screens |
| 9. Televisions | 18. Heavy duty multipurpose Printers |

Task:

- (a) As one of his friends, Binene has approached you concerning his challenge; prepare a write-up advising him on which ICTs are likely to be requested by schools.
- (b) Recommend measures that can be taken to reduce the breakdown rate and physical security if such ICTs are bought by the schools.

SECTION B

*This section has **two** parts; **I** and **II***

PART I

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

Item 2

Mr. Ssevunza, a businessman, owns a juice processing and packaging factory where he employs a significant number of workers. Despite paying them a substantial amount, he constantly complains about their incompetence and laziness. Recently, he was advised to consider implementing a computerized system to automate certain tasks, potentially replacing some employees and enhancing overall efficiency and productivity. In his opinion, adopting the technology would not help him achieve his goals and business objectives.

**Task:**

- a) As an ICT student discuss how this change will help Mr. Ssevunza to overcome the challenges and improve his business.
- b) Suggest ICT tools Mr. Ssevunza's procurement officer will include on the list in order to support the new innovation.

Item 3:

During the term three holidays, your brother, a sixth-form leaver, was offered a job at a local company as a data entry clerk and systems administrator. His responsibilities included managing company documents, formatting and editing, handling customer emails, mathematical calculations, designing marketing materials like flyers, and other tasks. He soon realized that all these tasks required proficiency in computer applications and other ICT tools, as well as competent computer skills. However, during his high school years, he did not take ICT as a subject, and all the ICT skills he acquired were learned from you through the training sessions you conducted during the holidays. Despite this, he accepted the job with confidence, relying on the knowledge and skills you had taught him.

**Task:**

- a) Make a write up guiding him on how best he can use the ICT knowledge to manage the task ahead of him so that he can keep working in the company to avoid being unemployed.
- b) Discuss the safety precautions he will observe for proper maintenance and care of users and ICT tools.

Part II

Answer **one** item from this part.

Item 4.

Mr. Kalegeya Abdul-salaam, a seasoned business consultant and political analyst, has been featured on various media platforms for over a decade. Despite his extensive experience, his financial situation has not improved significantly due to low payments and frequent delays. While conducting online research, he successfully established partnerships with two consulting firms, one based in the United States and the other in Singapore. These partnerships will enable him to offer consulting services, but he is finding it challenging to adapt to the new digital platform after years of providing services in person.



Task:

Guide Mr. Kalegeya Abdul-salaam on every procedure he can employ to keep managing the task so that he doesn't give up on his dream opportunity which could uplift his financial status.

Item 5.

The government of Uganda has announced plans to boost Savings and Credit Cooperatives (SACCOs) in various districts by providing funding. A women's SACCO is eager to apply for this opportunity, but the group is concerned that its members might miss out if they don't act quickly. To access the funds, they must fill out an online template with their SACCO's details before the fast-approaching deadline. However, the chairperson of the SACCO is struggling to download, complete, and submit the form to the district website due to her limited ICT skills. The template, shown below, must be filled out accurately to secure the funding.

PROJECT APPLICATION FORM

PROJECT ID NO.....

(Assigned by the District Focal Point Person after project Approval)

1.0 Project identification information

1.1 project name.....

1.2 component (i.e., Skills Development or livelihood support)

1.3 sector (i.e. Agriculture. trade \$industry etc)

.....

1.4 project type (e.g. Dairy production, carpentry, fish farming etc.)

1.5 project location:

Village/cell..... parish /ward.....

Sub-county/division/town council.....

District.....location (tick appropriate box): Rural [] Urban []

1.6 project contact person (Name &Telephone of Chairperson of the intent group):

1.6 Name **Telephone**.....

Task:

The chairperson approached you to guide her through the required procedures. Prepare a presentation indicating the necessary steps and ICTs in order to achieve the task.

END

(+256780413120)