

840/1

**INFORMATION AND
COMMUNICATIONS
TECHNOLOGY (ICT)**

$2\frac{1}{4}$ hours

**UGANDA CERTIFICATE OF EDUCATION
INFORMATION AND COMMUNICATIONS TECHNOLOGY
UCE MOCK EXAMS 2024**

PAPER ONE

Theory

2hours 15 minutes

SECTION A

Answer the item in this section.

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 the item in this section

Item 1;

Senabuta is a planned kid in their village, he successfully completed his degree in Forestry from Makerere University. He has been looking for employment opportunities in several organizations only to be disappointed with the usual “*we shall contact you soon*”, his father, Mr. Kiggundu is tired of seeing him idle and also sharing a roof with such a grown up boy. One night Mr. Kiggundu started a discussion about the fate of his son with his wife, they decided to start up a multi book shop which can double as a private library in the nearby trading centre for him. Being a new venture, he will also need a sign post to direct his clients to his “SENA BOOKSHOP AND STATIONERS.” Unfortunately, Senabuta has no idea about the required ICT tools to be purchased. Mr. Kiggundu being an established business man is planning to contact a supplier from Germany to provide the ICT tools, his father has tasked Senabuta to provide a list of ICT tools required so that he can relay the information to the supplier in Germany, Senabuta heard that you have been offering ICT at your school and indeed he needs your help. An image of prospective tools is shown in figure 1 below



Task

- Help Senabuta to generate a list of required ICT tools for his Sena bookshop and stationers.
- Guide Senabuta on how to connect some of the tools to come up with a functioning computer.
- Also guide Senabuta on how to come up his sign post using any of the programs installed on

the computers

SECTION B

This section has **two** Parts; **I** and **II**.

PART I

Answer one item from this part.

Item 2

In 2019 Baziwe Junior School was excited by the surprise of ICT tools received from their pals from Europe, the administrators laid down all possible strategies to sustain the tools but as L. Frank Baum said in his popular book “wizard of Oz” that *everything has to come to an end*, the tools were no more, taking very long to start and everything about them was just annoying. The administrators invited an IT specialist who advised them to dispose off all ICT tools. The administrators had little knowledge about proper disposal of ICT tools and the parties/stakeholders involved in e-waste management. They have invited you to guide them about the proper disposal of their tools. Part of the tools is shown in the image below.



Task

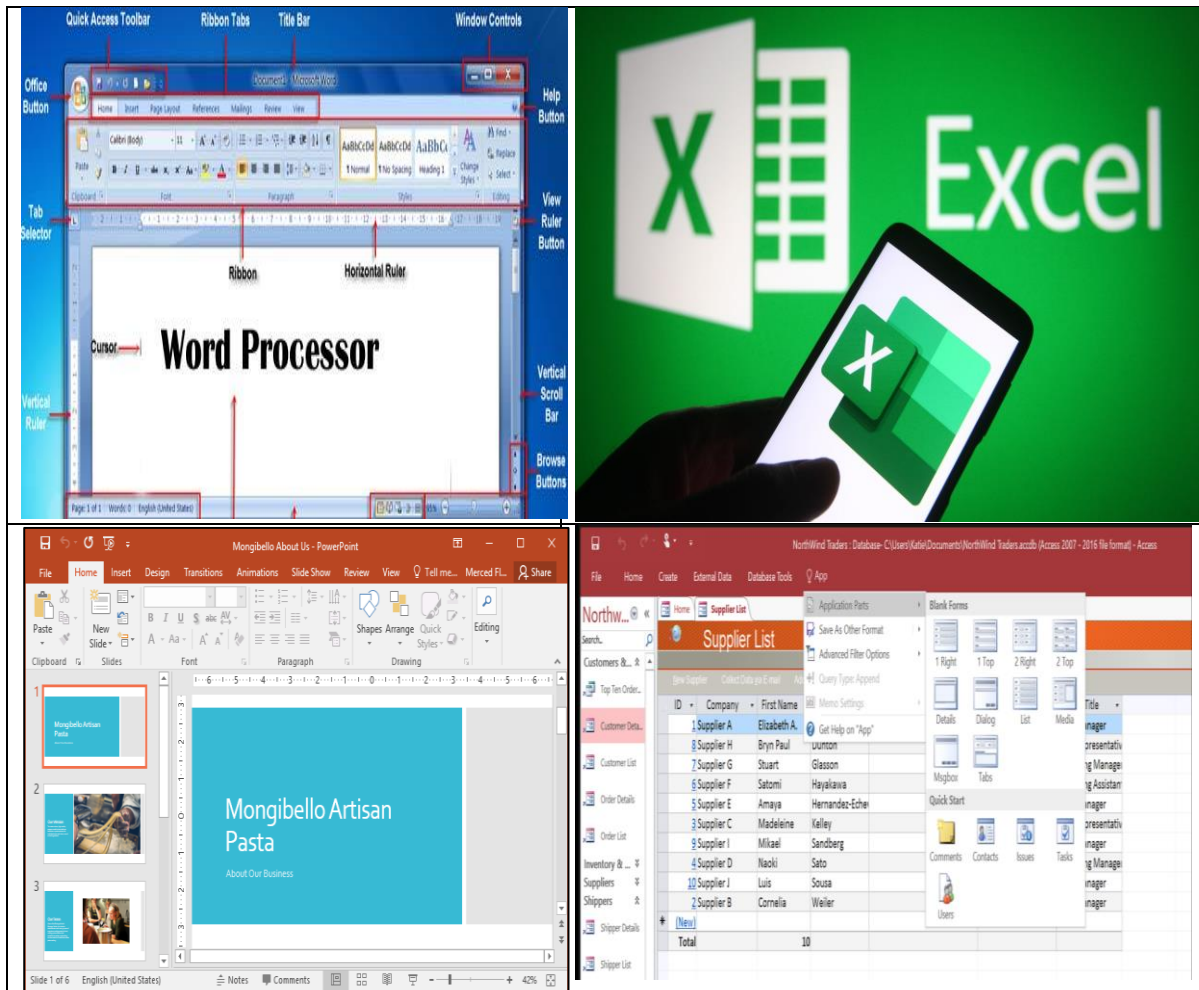
- (i) Educate the administrators of Baziwe Junior School about the different stakeholders and their roles in proper disposal of such tools
- (ii) Develop a list of good practices that can be adopted by the administrators to ensure proper management of electronic used up tools

Item 3

Ffena Kuntikko group is part of Pearl importers located in Wakiso. They have always struggled to gain financial stability but all in vain. In their cash round, they have had several challenges; using a book to

record group minutes, managing members' information, difficulty in presenting important information to the group members, sharing profits amongst group members and producing professional documents. the group has grown to a tune of 100 members and making a monthly saving of shs.1,000,000 each member, such a flourishing business can no longer be sustained on a manual book and pen records hence there is a need to purchase and install a computerized system to run its operations. You have been invited by the chairperson of the group to guide them accordingly.

Part of a computerized systems interface(s) is/are shown in the figure below;



Task

- (i) Prepare a write up containing different computerized software and how they can be used to solve Ffenna Kuntikko challenges.
- (ii) Demostrate to the group members the steps taken to install the computerized software

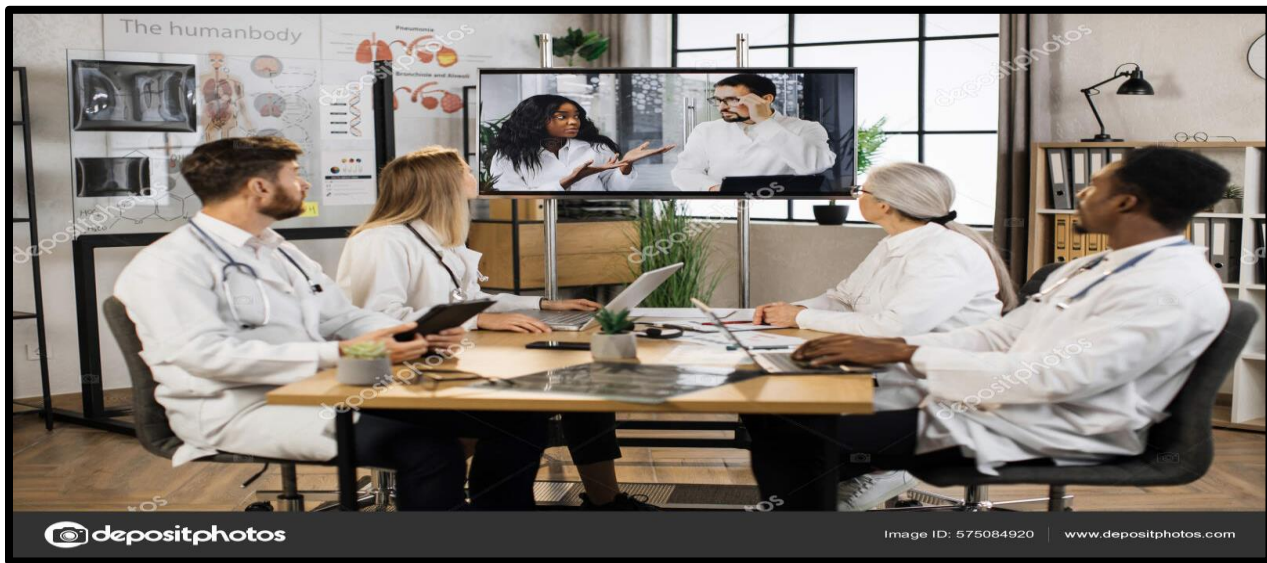
Part II

Answer one item from this part.

Item 4,

Dr. Nakamanyisa Esther is an ophthalmologist serving three different countries in Europe; England, Scotland and Ireland. Of recent she learnt that her mother country (Uganda) was attacked by conjunctivitis (red eye). The ministry of health here at home was informed of their successful daughter serving three different foreign countries. Dr. Esther is very much willing to serve her motherland as well. Due to her tight schedule she failed to fly to Uganda and instead promised an online meeting with the ministry officials to provide ideas and resolutions to be presented to the president. The ministry of health has contacted you as an ICT expert to guide them on the how they can make their meeting a reality.

Support material



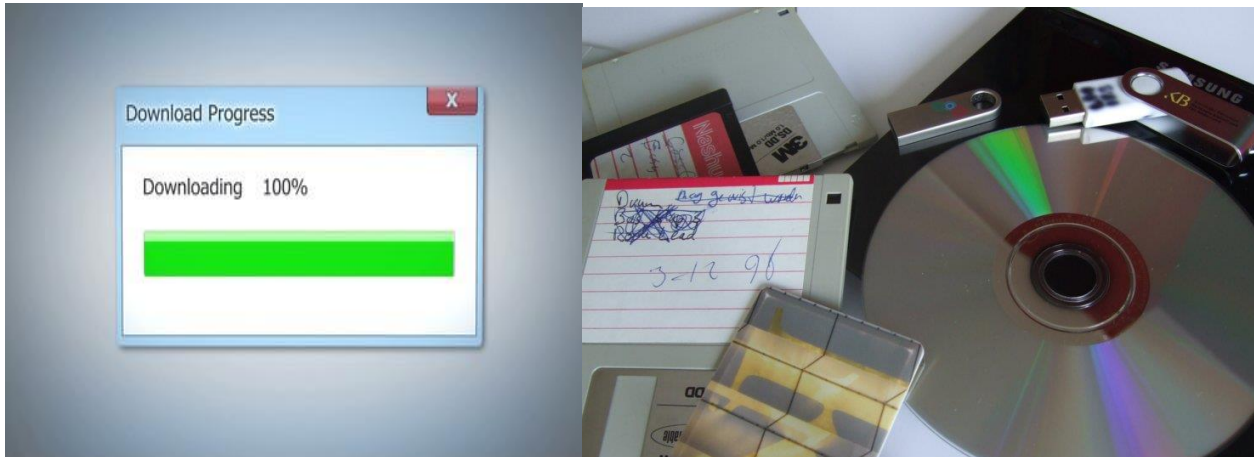
Task

- (i) Guide ministry officials on the ICT tools and how they can be used during the a real time meeting with Dr. Nakamanyisa Esther

Item 5

Nassali Anita joined senior one in 2021 two weeks later, she has been in stream D throughout her lower secondary. Unfortunately in their school it is only stream A and stream B that offer ICT. She has always yearned to acquire required ICT skills but she never had that opportunity. Today she is writhing her very last paper and there after she will board the next taxi to her village in Bamunanika. Her favorite songs; *Omwoyo, abeerawo, Kani, and Awo* by Gaby Ntaate are readily available online, also in one of the skilling programmes organized by the school, she got a chance and typed an informal letter which she saved in my document. You been Anita's friend since senior one and she has come to you for help.

Support material



Task

- (i) Help Anita by taking her through the steps taken to her download her favorite songs from the internet.
- (ii) Guide Anita further by identifying possible storage media she can use to transfer her favorite songs from the computer to their village

END