



**ARCHDIOCESE OF MBARARA
S4 ENTRANCE EXAMINATION 2024
INFORMATION COMMUNICATION AND TECHNOLOGY.
PAPER ONE
DURATION: 2 HOURS**

INSTRUCTIONS TO THE TASK TAKERS.

- This paper consists **four** questions
- Attempt all the items.
- All responses are written on the answer sheets provided.

1. Mike had 3 million shillings; he purchased an extension cable, a computer system containing two power cables, VGA cable, system unit, monitor, keyboard and mouse. He wishes to set up a stationary, so he purchased a printer (with a power cable and data cable) and so that he can start typing and printing work for people in his area. However, he does not know how to set up these components to come up with a working computer and printer.

Task.

- i. As an ICT learner, explain how you can help Mike to assemble these different components he purchased to have a functioning system. **(6 scores)**
 - ii. Explain the function of each component used. **(14 scores)**
2. During this festive season, your church is planning to have a youth conference Based on the theme “A youth with value”, on this event; the church priest wants to hire a camera operator to capture key images and videos of the event. The church priest has instructed the camera operator that at the end of the event, she should share the key captured images and videos to anyone in attendance in a folder labeled as YOUTH WITH VALUE CONFERENCE. The camera operator has revealed to you that she knows how to transfer files from the camera to a folder. Nevertheless, he does not know how to create a folder, how to share the folder on a flash disk, DVD recordable and email using a computer. However, she needs this job in order to get money for her family to use in the festive season. She is having a computer having windows operating system.

Task

As a learner of ICT guide this camera operator on how she should overcome her challenges she revealed to you. **(20 scores.)**

3. At the End of term two, 2023. Meeka Secondary School Administration invited 500 parents for the End of Term meeting to present matters affecting school. Since the members were many, it became a challenge for the speakers to be audible enough for the visitors to hear them very well. They later consulted you on the different devices they can use for the visitors to hear them well. The speakers also wanted parents to clearly observe their presentation on a wider screen.

- (a) As a student of ICT, Advise School Management on the necessary ICT Tools and how each tool will be used for effective meeting. **(10 scores)**

Turn Over

- (b) Explain the safety measures that should be observed while using the ICT tools mentioned in (a) above? **(10 scores)**

4. Uganda Communication Commission setup a computer centre in your community. This centre was providing internet services, computer repair and maintenance, and Computer Trainings. The beneficiaries of these services were children for research purposes, farmers for finding market of their produce, politicians and religious leaders. A UCC consultant advised farmer whom he found at centre that there are some health risks associated with prolonged usage of computers.

Task

- (a) The Farmer has approached you as an ICT learner to advise him on understanding the risks the consultant told him about? **(10 marks)**
- (b) How would you advise the farmer to overcome the risks in (a) above? **(10 marks)**

END