

Names:.....Index:.....

School Exam Number:.....Signature:.....

840/1
Information
and
Communication
Technology
Paper1
2023
2½ hours

GOD'S HOPE HIGH SCHOOL

Information and communication technology

THEORY PAPER

2hours 30minutes

INSTRUCTIONS:

Answer all questions

Write your name in the spaces above.

This paper is made up of two Sections :A and B respectively.

Section A contains 3 compulsory numbers

Section B contains one compulsory structured questions.

	FOREXAMINER'S USE ONLY				
MCQ	Q1	Q2	Q3	Q4	TOTAL

SECTION A: (20 MARKS)

Answer **ALL** questions and fill your answers in the spaces provided.

1. (a) (i) SENDA Secondary School is planning to have a careers day to sensitize S.1 students about the importance of vocational subjects. The 100 students of S.1 will assemble in the main hall which has a power supply. The career's teacher will share pictures and videos showing areas where various subjects are applicable.

Task

Advise the career's teacher on which computer hardware devices will be needed and how they work to support her presentation to the students. **(12 scores)**

Computer Hardware Devices	How they work

- (ii) Hardware devices which can be categorized as input devices like output devices storage devices processing devices and communication devices are summarized in below.

FIGURE 1



As a student of information and communication technology, List at least two input devices and output devices, one processing hardware and one communication hardware. **(8 scores)**

Input hardware.

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Output devices.

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Processing hardware.

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Communication hardware.

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- (iii) With knowledge obtained as S.3 **ICT** student, Explain any key steps followed to assemble a computer system from its various part provided in **FIGURE 1** in the computer laboratory.

(05 scores)

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2. (a) (i) Taking care of ICT tools is supposed to be done by all people who use them. However, as a learner you cannot do all care and safety activities. Activities that require one to open up these tools are left to people who have undergone specialized training on how to do it. As an ICT user, there are certain tasks you can perform to ensure your ICT tools are clean. **(8 scores)**

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Describe any **four** ways of Handling and Maintaining ICT Tools.

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- (ii) Mention and explain any **four** Maintenance tools and their functions.

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- (iii) Name the devices suitable for these tasks in the table below. **(04 scores)**

Statement	Device
A device used to covert hard copy into a softcopy file.	
A device used to output the content of an MP3 file at a party.	
A device for producing coloured images for a billboard.	
A device used to display a soft copy to a user.	

3. (a)(i) Imagine you have been assigned a task to prepare a presentation about germination of bean seed. Identify any five ICT tools you would need to collect data and what you would use each tool for. **(05 scores)**

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- (ii) In relation to data and information, describe the **six** basic stages of information processing. **(6 scores)**

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- (iii) Describe any four ways of safe guarding information stored in a computer system in computer lab. **(4 scores)**

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SECTION B

4. Nakasi work as a secretary in Insurance Company. Her work requires him together with 20 other colleagues to work on a computer for more than 8 hours a day, six days a week. Each of these employees can work for maximum of 3 days in a week and then take a break. The office policy allow anyone to work on a file irrespective of who created it. As a student of ICT,

- a) Guide Nakasi and her colleagues on how they can store file in a way that allow them to work effectively. **(7 scores)**
- b) Advise Nakasi on how she can reduce chances of getting healthy related challenges that may come as a result of her work environment

END

