

Candidate's Name:.....

Signature

S850/1
Subsidiary Information
and Communication
Technology
Paper 1
July/Aug.2024
2¹/₂ hours



**PROVINCIAL COUHEIA EXAMINATION AGENCY SECONDARY
MOCK EXAMINATIONS 2024**

Uganda Advanced Certificate of Education

SUBSIDIARY ICT

Paper 1

2 hours 30 Minutes

INSTRUCTIONS TO CANDIDATES:

*Answer **all** questions in this paper*

*This paper is made up of **twenty** equally weighted questions*

All answers should be written in blue or black ink in the spaces provided in the question paper.

For Examiners ' Use Only																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Restoring the church in education

Turn Over

1. (a) State and explain the four stages of information processing cycle **(04 marks)**

(i)

(ii)

(iii)

(iv)

(b) Give any one hardware component used at the third stage of data processing cycle

(01 mark)

.....

2. A neighbor in your community got a reward of a brand-new computer for being the best employee of the year. He seems not to see how it can be beneficial.

(a) Give him three benefits of having this computer at home

(03marks)

(i).....

.....

(ii)

.....

(iii)

(b) State two precautions he can follow to keep the computer safe from damage

(02marks)

(i)

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(ii)

.....

3. (a) Explain three ways your school computers can be **Maintained in good working conditions** **(03marks)**

(i)

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(ii)

.....

(iii)

.....

(b) State two proper ways of protecting computer users in the laboratory **(02marks)**

(i)

.....

(ii)

.....

4. “I rather acquire computers expensively than having many volunteers” a young entrepreneur exclaimed.

(a) Give five reasons to justify his statement **(05marks)**

(i)

(ii)

(iii)

(iv)

(v)

5. (a) Define a utility program (02marks)

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.....

A novice computer user, has challenge of managing data and computes as stated below.

(b) Suggest the utilities that can help him solve his challenges (03marks)

(i) To resize a file that cannot be attached to an E-mail due to size

.....

(ii) To stabilize a PC that has been frequently slowing down or even shutting down

.....

(iii) To avoid losing vital students' information

.....

6. (a) List three components directly mounted on the Motherboard. (03Marks)

(i)

(ii)

(iii)

(b) Give the function of any two computer hardware components you listed above.

(02marks)

(i)

.....

(ii)

.....

7. (a) Briefly show how you would use the following keyboard keys in a real data entry situation;

(i) Shift key **(01 mark)**

.....
.....

(ii) Print screen key **(01mark)**

.....
.....

ii) Navigation keys **(01mark)**

.....
.....

b) List and explain any two keyboard shortcut of your choice **(02marks)**

(i)
.....

(ii)
.....

8. (a) Differentiate between hardware theft and hardware vandalism **(02marks)**

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.....

(b) State three ways you can protect computer hardware in the school laboratory from theft and vandalism

(i)

(ii)

(iii)

9. (a) Describe and give an example of Software suite (02marks)

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.....

(b) Write three advantages of using Software suite (03marks)

(i)

(ii)

(iii)

10. Define a wizard as used in Computing (02marks)

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.....

b) One of the qualities of a good software is, “easy to learn and easy to use”
state three facts that make application software easy to learn and use (03marks)

(i).....

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(ii).....

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(iii).....

.....

11. a) Outline any **three** functions of an operating system. (03marks)

(i).....

.....

(ii).....

.....

(iii).....

(b) Name any **two** operating system software. (02marks)

(i)

(ii)

12. a) What is the difference between HTTP and HTTPS? (02marks)

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.....
.....
.....

b) What is a web browser. (01mark)

.....

(c) Give an example of a: (02marks)

(i) Web browser.....

(ii) Search engine.....

13. a) Explain the term **Cloud Computing**. (02marks)

.....
.....
.....

(b) Give three examples of cloud computing services. (03marks)

i

ii

iii

14.a) Give one example of a videoconferencing software. (01 mark)

.....

b) Give three ways how video conferencing applications are utilized to facilitate remote communication and collaboration? Give three

(i).....

(ii).....

(iii).....

15.) Explain the following terms in spreadsheet.

(i) Values. **(01mark)**

.....
.....

(ii) Labels. **(01mark)**

.....
.....

(c) List any three errors associated with using formulas in M.S excel application **(03marks)**

(i).....

(ii).....

(iii).....

16. Outline five areas of self-employment that an ICT professional can engage in.

(05 marks)

(i).....

(ii).....

(iii).....

(iv).....

(v).....

17. (a) Define the term Computer Network. **(02 marks)**

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.....

b) Give three advantages of networked computers. *(03 marks)*

(i).....

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(ii).....

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(iii).....

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18. (a) Differentiate between a server and a client computer. *(02 marks)*

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b) What is the function of each of the following network devices?

i) Bridge *(01 mark)*

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ii) Switch *(01 mark)*

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iii) NIC *(01mark)*

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19.The Data in the table below shows part of a database for employees who are to pay \$10,000 for a vacation in Dubai. Use it to answer the questions that follow.

EMPLOYEE ID.	NAME	DISTRICT	TEL .NO	DEPOSIT	BALANCE
E227008	Prosy	MUKONO	0774267820	\$4,000	
E227011	Lilian	KAMPALA	0701998142	\$7,000	
E227022	Mark	WAKISO	0701898142	\$5,000	
E227002	Nicholas	WAKISO	0761998142	\$9,000	

(a) Write down the data types in the following fields

(i) EMPLOYEE ID.

(01 mark)

.....

(ii) DEPOSIT

(01 mark)

.....

(b) Suggest a suitable primary key.

(01 mark)

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(c) Write the formula entered in the design view to determine the balance.

(02 marks)

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20.(a) Explain the meaning of data corruption.

(02 marks)

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(b) Computer data and software are exposed to a number of risks hence need for great care and protection. Suggest **Three** ways of protecting data and software.

(03 marks)

(i).....

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(ii).....

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(iii).....

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