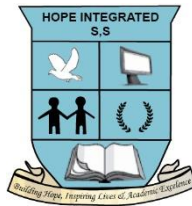


Candidate's Name: ..... Signature.....

**S850/1**  
**Subsidiary Information**  
**And Communication**  
**Technology (ICT)**  
**Paper 1**

**AUGUST 2024**



**HOPE INTEGRATED SECONDARY SCHOOL**  
Uganda Advanced Certificate of Education  
**SUBSIDIARY ICT**  
Paper 1  
2Hours 30 minutes

**INSTRUCTIONS TO CANDIDATES:**

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

*Answer all the questions in this paper.*

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

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

Answer **all** questions in this paper.

1. (a) Explain what is meant by the term ICTs. (02 marks)

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- b. State three ways through which ICTs have improved communication today (03 marks)

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2. (a) Define the term **computer**. (01 mark)

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- b. State any four characteristics of a modern computer. (04 marks)

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.....

3. Modern computers transform data into information. List down the four stages involved in transforming data into information. (04 marks)

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.....  
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- b. Identify **one** storage device that can aid in any of the four stages listed above.

(01 mark)

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4. Briefly describe any five areas where ICTs are applied. (05 marks)

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8. (a) Define the term file. (01 mark)  
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b. Describe the following path:  
**C:\Users\documents\A level Sub ICT.pub**(04 marks)  
.....  
.....  
.....  
.....

9. (a) What is meant by the term file extension? (01 mark)  
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.....

b. Give four examples of file extensions and file types they represent.(04 marks)  
.....  
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10. (a) Define the term computer laboratory. (01 mark)  
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b. Briefly explain four areas of laboratory security. (04 marks)  
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11. (a) What is meant by the term computer hardware? (01 mark)

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

b. State any four classifications/components of computer hardware. (04 marks)

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

12. (a) The figure below shows some commonly used hardware devices in the IT business world.



A

B

C

D

a. Identify the four ICT devices shown above. (04 marks)

A.....  
B.....  
C.....  
D.....

b. State one advantage of using device A as a pointing device compared to other pointing devices. (01 mark)

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.....

13. (a) Distinguish between LCD Monitors and CRT Monitors. (02 marks)

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(b) Mention one example of each of the following printers: (02 marks)

i. Impact printers.

.....

.....

ii. Non-impact printers.

.....

.....

(c) Outline one disadvantage of impact printers over non-impact printers. (01 mark)

.....

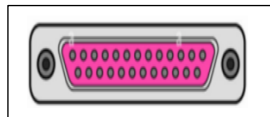
.....

14. (a) What is meant by the term peripheral device interface? (01 mark)

.....

.....

(b)



A



B



C



D

Name the peripheral device interfaces (ports) A, B, C and D. (04 marks)

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**15. Distinguish between writing data and reading data as used in storage.(02 marks)**

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b. Compute the megabytes found in a folder occupying 2.5 GB of data on a computer hard disk. (03 marks)

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**16. Define the term computer software. (02 marks)**

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(b)Mention two ways through which computer software can be acquired

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(c)Explain why it is important to consider user needs when purchasing computer software. (01 mark)

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.....  
**17. (a) With an example from each, distinguish between system and application software. (03 marks)**

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.....  
.....  
(b) State two advantages of general-purpose software. (02 marks)

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 .....  
**18.** The worksheet below shows a school's expenses (in dollars) paid out for the first three months of the year.

|   | A           | B   | C   | D   | E     | F       |
|---|-------------|-----|-----|-----|-------|---------|
| 1 | Item        | Jan | Feb | Mar | Total | Average |
| 2 |             |     |     |     |       |         |
| 3 | food        | 72  | 72  | 106 |       |         |
| 4 | Electricity | 24  | 37  | 66  |       |         |
| 5 | Telephone   | 96  | 90  | 114 |       |         |
| 6 | Stationary  | 48  | 38  | 64  |       |         |
| 7 |             |     |     |     |       |         |
| 8 | Total       |     |     |     |       |         |

(a) Write down a formula to calculate the following: (03 marks)

(i) Total expenses for electricity

.....

(ii) Average expenses for stationary

.....

(iii) The highest expense for telephone

.....

(b) Write down the cell address for : (02 marks)

(i) Telephone.....

(ii) Food expense of February.....

**19.** (a) What is meant by the term word processor? (01 mark)

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,.....



(b) State two features of a word processor. (02 marks)

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.....

.....

(c) Distinguish between copy and cut command in word processing. (02 marks)

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20. (a) Identify any three data types in your spreadsheet. (03 marks)

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(b) Mention two practical spreadsheet applications in your school. (02 marks)

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END

*Crying is allowed but in Silence, Success*