

Name:..... Combination.....

Signature:

S850/1

**Subsidiary Information
and Communication**

Technology

Paper 1

Jul./Aug. 2022

2¹/₂ hours



BIYAYA SECONDARY SCHOOL

End of Term Two Examinations

S5 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

Turn Over

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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- (b) Identify **one** storage device that can aid in any of the four stages listed above. (01 mark)

7. A computer technician decided to restart a computer after realizing some problem. Give five reasons why it was necessary for her to restart the computer.

(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)

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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)

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

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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 projectors and DLP projectors. (02 marks)

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

(i) Impact printers.

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(ii) Non-impact printers.

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

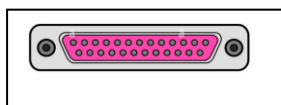
(01 mark)

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

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(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

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(iii) Average expenses for stationary

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(iv) The highest expense for telephone

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(b) Write down the formula to count the items with expense greater than 70 dollars

(02 marks)

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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 application in your school.

(02 marks)

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END