

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

Signature:

S850/1
Subsidiary Information
And Communication
Technology
Paper 1
Jul. /Aug. 2023
2¹/₂ hours

EXTREME HIGH SCHOOL NAMAYUMBA
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)

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

5. (a) Differentiate between Green Computing and Cloud Computing. (02 marks)

(b) Outline any three green computing practices. (03 marks)

6. (a) Define the term computer booting. (01 mark)

(b) State two ways of booting a computer. (02 marks)

(c) Give the difference between warm and cold booking. (02 marks)

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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 system software.

(02 mark)

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- (b) Give the three categories of system software:

(03 marks)

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9. (a) What is meant by the term utility programmes?

(01 mark)

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- (b) Give four examples of utility programs.

(04 marks)

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10. (a) Define the term computer laboratory.

(01 mark)

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(b) Mention any four computer laboratory rules.

(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.

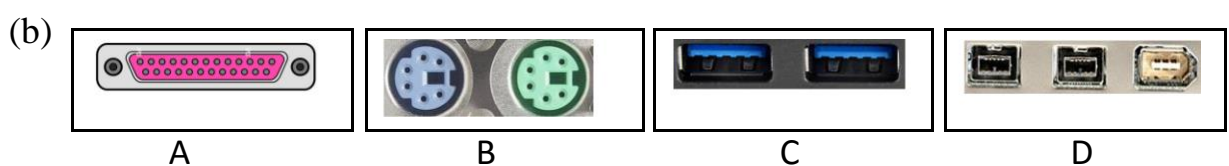
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(c) Outline one disadvantage of impact printers over non-impact printers. (01 mark)

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

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

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15. Convert the following decimal to binary.(04 marks)

(i) 51

(ii) 32

(b) Define Access time as used to storage hardware. (01 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