

NAME _____

INDEX NO. _____

S850/1

Subsidiary ICT

Paper 1

2 $\frac{1}{2}$ hours**BUIKWE JOINT MOCK EXAMINATIONS 2023**

Uganda Advanced Certificate of Education

SUBSIDIARY ICT PAPER 1

Theory paper

2 Hours 30 Minutes

INSTRUCTIONS TO CANDIDATES:

- ❖ Attempt ALL questions in this paper
- ❖ The maximum time allocated to this paper is 2 hours 30 Minutes
- ❖ Write in dark blue or black pen in the spaces provided on the Question Paper. All answers should be written in the spaces provided.
- ❖ No additional materials (answer sheets) are required.
- ❖ The number of marks is given in brackets () at the end of each question or part question

FOR OFFICIAL USE ONLY			
1.		11.	
2.		12.	
3.		13.	
4.		14.	
5.		15.	
6.		16.	
7.		17.	
8.		18.	
9.		19.	
10.		20.	
			TOTAL

1. Computer data can be stored on physical storage devices. Data can also be stored in the "cloud". Explain what is meant by the cloud, giving three advantages of storing data in the cloud compared with physical storage devices.

(a) Explanation

(2Marks)

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(b) Advantages

(3Marks)

- (i)
-
- (ii)
-
- (iii)
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2. A student uses social media to keep in contact with other people. Describe any five strategies that the student could use to stay safe when using social media to communicate with others. (5Marks)

- (i)
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- (ii)
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- (iii).....
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- (iv).....
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(v)

3. A manager in a hospital has decided to ask a software company to develop a computer system. The system should allow patients to book all their medical appointments online.

(a) List any three advantages to both the patients and the medical staff of the type of system. (3 Marks)

(i)

(ii)

(iii)

(b) Mention any two disadvantages to both the patients and the medical staff of the type of system. (2Marks)

(i)

(ii)

4. The information below is maintained by Jessica Fruit store. Study it and answer the questions that follow:

Product Number	Product name	Quantity in stock(kg)	Value per unit(Ugx)
001	Peach	1000	200
002	Oranges	1200	200
003	Mangoes	1300	100
004	Tomatoes	1200	140
005	Cabbages	1500	25

(a) Describe the field data types used in the database above (2Marks)

(b) Provide query statements you can use to list the following;
i) Product names starting with letter P. (1Mark)

ii) Value per unit below 200. (2Marks)

5. (a) List any two advantages of soft copy output. (2marks)

(b) What is a password? (1mark)

(c) List any two characteristics of a good password. (2marks)

6. Your school principal has identified you as an advisor in setting up a computer network for the school. The principal wants to set up either a wireless network or a wired network for the school. Advice the principal on the best type of network that will suit the school.
(a) Give two reasons for your choice.

Network type

Reasons

(1mark)
(2 marks)

(b) Biometrics is one of the security measures organizations are adopting today. Explain what is meant by biometric analysis. (2 marks)

7. (a) Explain any two factors that should be put into consideration when putting up a computer laboratory. (2Marks)

(b) (i) Define the term graphic and give two examples (2Marks)

(ii) List any two sources of graphic that can be used in Microsoft word (1Mark)

8. (a) Distinguish between logical and physical files. (2Marks)

(b) State three ways in which computers can be used in Transport system. (3Marks)

9. (a) Differentiate between disk partitioning and disk clean up. (2Marks)

(b) List any three factors to consider when choosing an operating system. (3Marks)

10. (a). Define the term system clock. (1Mark)

(b) . Explain two reasons that may lead to a computer to fail to boot. (2Marks)

(c) Explain two examples of video graphic adapters. (2Marks)

11. (a) Which key will you press to: (3Marks)

i. Start a new line of paragraph _____

ii. Erase a letter that you have just typed _____

iii. Automatically type in capital letters throughout _____

(c) Write down the functions of the following keyboard shortcut keys as Used in a word document. (2Marks)

i) CTRL + X _____

ii) CTRL + Z _____

12. (a) Distinguish between green computing and cloud computing (1Mark)

(b) List any two elements of green computing (2Marks)

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- (c) State two positive impacts of ICTs on the economy of a country like Uganda (2Marks)

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13. (a) A soft copy is to Monitor while as a hard copy is to Printer.
Distinguish between a soft copy and a hard copy (1Mark)

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- (b) Give two differences of using a CRT as compared to an LCD monitor (2Marks)

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- (c) The ICT personnel of Nsambya hospital is torn between using an external hard disk and a floppy disk to store data. Which of the two devices is more suitable for the purpose and why? (2Marks)

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14. (a) Explain the steps of starting Microsoft office word. (3Marks)

(c) When typing in Microsoft office word why does a wavy red line appear on some Words. (1Mark)

(d) Explain how the wavy red line can be removed from your document (1Mark)

15. Intruders in a computer laboratory are some of the threats to the Computer system and data. Indentify any five ways of controlling them. (5Marks)

16. (a) What are pointing input devices? (1Mark)

(b) Explain two advantages of using a mouse (2Marks)

(d) Give two causes of computer hardware malfunctioning (2Marks)

17. (a) State two forms of interfaces an operating system can provide to a computer user (2Marks)

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(b) Mention three features that make up a font (3Marks)

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18. (a) Explain how each of the following system devices contribute to the general operation of the computer system (3Marks)

(i) Ram chip

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(ii) Power Supply unit

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(iii) Hard disk drive

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(b) Mention two tasks a computer user should perform to increase on its speed (02 Marks)

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19. (a) Define the term Telecommuting. (01 Mark)

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(b) List two advantages of telecommuting (2Marks)

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- (c) As a computer student mention any two uses of Global Positioning system (GPS) (2Marks)

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20. (a) Define the information and communication technology? (1Mark)

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- (b) What is a computer system? (1Mark)

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- (c) List any three characteristics of modern computers (3Mark)

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End