Name: ……………………………………………………………. Index No: …………

Signature: …………………………………………….

***S850/1***

***Sub ICT***

***Paper One***

***Practical***

***Jul/Aug 2024***

***2 hrs***



**JINJA JOINT EXAMINATIONS BOARD**

Uganda Advanced Certificate of Education

**MOCK EXAMINATIONS JULY / AUGUST 2024**

**Subsidiary ICT**

Paper 1

2 Hours 30 Minutes

**INSTRUCTIONS TO CANDIDATES:**

1. *Attempt* **ALL** *questions in this paper.*
2. *The maximum time allocated to this paper is 2 hours and 30 minutes.*
3. *This paper is made up of 20 compulsory and equally weighted questions.*
4. *Write all your responses in dark blue or black ink in the spaces provided.*
5. *All answers should be written in the spaces provided. No additional material will be provided to the candidate.*
6. *Untidy work will lead to automatic loss of marks.*

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

1. a) Define a computer system (1Mark)

………………………………………………………………………………………………………………………………………………………………………………

b) Name any two devices from fig 1 provided below and clearly state the function of each. (4Marks)



1. …………………………………………………………………………………………………………………………………………………………………………
2. …………………………………………………………………………………………………………………………………………………………………………
3. Describe three advantages and two disadvantages of computer networks to an institution.
   1. Advantages (3Marks)
4. …………………………………………………………………………………………………………………………………………………………………………
5. …………………………………………………………………………………………………………………………………………………………………………
6. …………………………………………………………………………………………………………………………………………………………………………
   1. Disadvantages (2Marks)
7. …………………………………………………………………………………………………………………………………………………………………………
8. …………………………………………………………………………………………………………………………………………………………………………
9. What is meant by the following terms as used in computer software
10. Bespoke (1Mark)

………………………………………………………………………………………………………………………………………………………………………………

1. Freeware (1Mark)

………………………………………………………………………………………………………………………………………………………………………………

1. Shareware (1Mark)

………………………………………………………………………………………………………………………………………………………………………………

1. Open source (1Mark)

………………………………………………………………………………………………………………………………………………………………………………

1. Copyrighted software (1Mark)

………………………………………………………………………………………………………………………………………………………………………………

1. a) Apart from using hardware (Physical Printer), how else can one print a document? (2Marks)
2. ……………………………………………………………………………………
3. ……………………………………………………………………………………

b) List the steps you would follow to print an open word document (3Marks)

1. ……………………………………………………………………………………
2. ……………………………………………………………………………………
3. ……………………………………………………………………………………
4. Analyze the importance of any five components found on the motherboard (5Marks)
5. …………………………………………………………………………………………………………………………………………………………………………
6. …………………………………………………………………………………………………………………………………………………………………………
7. …………………………………………………………………………………………………………………………………………………………………………
8. …………………………………………………………………………………………………………………………………………………………………………
9. …………………………………………………………………………………………………………………………………………………………………………
10. a) Define Electronic Publication. (1Mark)

………………………………………………………………………………………

………………………………………………………………………………………

b) Mention any four Electronic Publications that an institution may make use of. (4Marks)

1. ………………………………………………………………………………………
2. ………………………………………………………………………………………
3. ………………………………………………………………………………………
4. ………………………………………………………………………………………
5. a) Define the term netiquette (1Marks)

………………………………………………………………………………………

………………………………………………………………………………………

b) Mention any four netiquette guidelines applicable in your school setting (4Marks)

1. ………………………………………………………………………………………
2. ………………………………………………………………………………………
3. ………………………………………………………………………………………
4. ………………………………………………………………………………………
5. a) State any three differences between a file and a folder (3Marks)

|  |  |
| --- | --- |
| File | Folder |
|  |  |
|  |  |
|  |  |

b) Mention any two operations that can be carried out on both files and folders (2Marks)

1. ………………………………………………………………………………………
2. ………………………………………………………………………………………
3. How would you solve the problem of computer viruses invading your computer system? (5Marks)
4. …………………………………………………………………………………………………………………………………………………………………………
5. …………………………………………………………………………………………………………………………………………………………………………
6. …………………………………………………………………………………………………………………………………………………………………………
7. …………………………………………………………………………………………………………………………………………………………………………
8. …………………………………………………………………………………………………………………………………………………………………………
9. Complete the diagram below. (5Marks)
10. Use the list of words provided below to complete the sentences below (5Marks)

Spyware, phishing, pharming, Botnet, Trojan horse, Zombie, Spoofing

1. ………………..…. is program placed on computer without user’s knowledge which Secretly collects information about the user
2. …………………… hides within or looks like legitimate program until triggered
3. …………………… is a program that hides in a computer and allows someone from a remote location to take full control of the computer
4. ………………….... is a group of compromised computers connected to a network such as the Internet
5. …………………… is a scam in which a perpetrator sends an official looking e-mail message that attempts to obtain your personal or financial information
6. What are the benefits of using WhatsApp for communication? (5Marks)
7. ………………………………………………………………………………………

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1. ………………………………………………………………………………………

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1. ………………………………………………………………………………………

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1. ………………………………………………………………………………………

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1. ………………………………………………………………………………………

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1. a. Define the term server (1Mark)

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b. Mention any four types of servers (4Marks)

1. ………………………………………………………………………………………
2. ………………………………………………………………………………………
3. ………………………………………………………………………………………
4. ………………………………………………………………………………………
5. a. Define the term ICT (1Mark)

………………………………………………………………………………………

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………………………………………………………………………………………

b. Mention any four areas ICT are used in daily life. (4Marks)

1. ………………………………………………………………………………………
2. ………………………………………………………………………………………
3. ………………………………………………………………………………………
4. ………………………………………………………………………………………
5. Complete the table below by writing **TRUE** or **FALSE.** (5Marks)

|  |  |  |
| --- | --- | --- |
|  | STATEMENT | TRUE/FALSE |
| i. | A touch pad is both input and output. |  |
| ii. | All computer hardware components are tangible |  |
| iii. | All peripheral devices are output devices |  |
| iv. | A webcam is a video camera connected to a computer. |  |
| v. | Screen resolution refers to the clearness or sharpness of a display screen. |  |

1. a) Describe the following terms as used in file management
2. Save (1Mark)

………………………………………………………………………………………

………………………………………………………………………………………

1. Save As (1Mark)

………………………………………………………………………………………

………………………………………………………………………………………

b. Provide the keyboard shortcuts for; (3Marks)

1. Save ..…………………………………………………………………………
2. Save As ………………………………………………………………………
3. Renaming a closed file ………………………………………………………
4. How does RAM and ROM compare (5Marks)

|  |  |  |
| --- | --- | --- |
|  | RAM | ROM |
| a. |  |  |
| b. |  |  |
| c. |  |  |
| d. |  |  |
| e. |  |  |

1. You are a small business owner who sells handmade crafts. You decide to use online marketing tools to promote your business.

a. Mention one online marketing tool you would use. (1Mark)

………………………………………………………………………………………

b. Which privileges would you enjoy? (2Marks)

1. ………………………………………………………………………………………
2. ………………………………………………………………………………………

c. Which challenges are you most likely to encounter? (2Marks)

1. ………………………………………………………………………………………
2. ………………………………………………………………………………………
3. a) Give any two guidelines for creating a secure password (2Marks)
4. ………………………………………………………………………………………
5. ………………………………………………………………………………………

b) Besides the use of passwords, how else can one secure a computer system or the data there in? (3Marks)

1. ………………………………………………………………………………………

………………………………………………………………………………………

1. ………………………………………………………………………………………

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1. ………………………………………………………………………………………

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1. a) Which features of Microsoft PowerPoint distinguish it from Ms. Word (2Marks)
2. ………………………………………………………………………………………
3. ………………………………………………………………………………………
4. ………………………………………………………………………………………

b) Of what use is a presentation software to a student? (3Marks)

1. ………………………………………………………………………………………

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1. ………………………………………………………………………………………

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