S850/1
Subsidiary ICT
Paper 1
July/August,
2024
2½ hours

UGANDA MUSLIM TEACHERS' ASSOCIATION

UMTA JOINT MOCK EXAMINATIONS – 2024
2 hours 30 minutes

NAME……………………………………………………………………………

INDEX NO…………………………SIGNATURE……………………....

UGANDA ADVANCED CERTIFICATE OF EDUCATION
SUBSIDIARY ICT
PAPER I

INSTRUCTIONS TO CANDIDATES:

- *Attempt **ALL** questions in this paper*
- *The paper is made up of **20** equally weighted questions.*
- *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.*
- *The maximum mark for the paper is 100%*

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1. (a) Distinguish between **Primary Memory** and **Storage capacity** (02 marks)

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....

....

(b) Give **two** examples of Secondary storage devices (02 marks)

(i) ....

(ii)...

(c) Explain the meaning of the term **Reading** as used in computer storage (01 mark)

....

....

2. (a) Mention the function of the following database components

    (i)   Query (02 marks)

....

....

    (ii)   Forms (02 marks)

....

....

(b) Explain how **Default value** field property affect the data entry into a database table. (01 mark)

....

....

3. (a) Distinguish between Computer Servicing and Computer repair (02 marks)

....

....

(b) Explain how the following can protect devices in the Computer Laboratory

    (i) Uninterruptible Power Supply   (02 marks)

....

....

    (ii) Dust Blower   (01 mark)

....

....

4.   (a) Differentiate between a **File** and a **File Extension**   (02 marks)

....

....

    (b) Study the path below and answer the questions that follow

    D\Exams\End\List.xlsx

    (i) Identify the file name   (01 mark)

....

    (ii) On which drive is the file located?   (01 mark)

....

    (iii) In which sub folder is the file located?   (01 mark)

....

5. (a) Computer files can be transferred from one computer to another using different devices. Give three devices that can be used to transfer files.   (02 marks)

....

....

....

(b) Hamza accidentally deleted his file from the Desktop. Advise him on any three methods he would employ to recover this file. (03 marks)

(i) ....

(ii)..

(iii)..

6. (a) ICT professional users can undertake different forms of ICT related careers. Identify any **five** ICT related career opportunities in Uganda today. (05 marks)

(a) ....

....

(b) ....

....

(c) ....

....

(d) ....

....

(e) ....

7. (a) Explain the concept of **Plug and Play** (PnP) as tool by an operating system. (02 marks)

....

....

(b) Mention any **three** reasons that would necessitate a computer user to **upgrade** an operating system. (03 marks)

(i) ....

....

(ii) ....

....

(iii) ....

....

8. (a) Define the term **Application software**.   (02 marks)

....

....

(b) State **one** use of each of the following applications.   (03 marks)

(i) Word Processor

....

....

(ii) Presentation Software

....

....

(iii) Web browser

....

....

9. (a) Define World Wide Web?   (02 marks)

....

....

....

(b) The new lower Ugandan Lower Secondary School Curriculum is mainly ICT integrated. Show **three** ways in which internet can facilitate the learning and teaching of the new lower curriculum.   (03 marks)

(i) ....

....

(ii) ....

....

....

....

10. (a) Social Networking platforms are increasingly used by people globally to disseminate information and for social interaction. Mention any **three** dangers of social networks.

(02 marks)

(i) ....

....

(ii) ....

....

(iii) ....

....

(b) Write the following abbreviations in full

    (i)   **URL**   (01 mark)

....

    (ii)   **VoIP**   (01 mark)

....

11. Explain the following attributes of computers which make them dependable and reliable tools.

(a) Diligence   (02 marks)

....

....

(b) Artificial Intelligence   (02 marks)

....

....

(c) Automation (01 mark)

....

....

12. (a) Describe the term **Digital Divide** (02 marks)

....

....

(b) Outline **three** ways **E-commerce** can help to improve businesses in the country today.

(03 marks)

(a) ....

....

(b) ....

....

(c) ....

....

13. (a) Fill in the right extension for the following file. (02 marks)

(i)   Audio file ....

(ii)   Word Document ....

(b) List any **three** operations which can be performed on a file. (03 marks)

(i) ....

(ii) ....

(iii) ....

14. (a) List any **three** computer hardware Text input devices. (03 marks)

(i) ....

(ii) ....

(iii) ....

(b) Suggest any **two** causes of hardware failure (02 marks)

(i) ....

(ii) ....

15. (a) Differentiate between **Buffering** and **Streaming** media (02 marks)

....

....

(b) Explain the function of the following E-mail structures. (02 marks)

(i) **BCC**

....

....

(ii) **To**

....

....

(c) What does **SMTP** stand for? (01 mark)

....

16. (a) Define the term **Networking.** (02 marks)

....

....

(b) Give any **three** examples of Networking Hardware (03 marks)

(i) ....

(ii) ....

(iii)..

17.(a) Outline any **three** threats an organization may face as a result of networking computers

(03 marks)

(i) ....

....

(ii) ....

....

(iii) ....

....

(b) Suggest **two** measures that the organization can employ to reduce network threats

(02 marks)

(i) ....

....

(ii) ....

....

18.Explain the following terms as used in spreadsheets

(i) **Cell** (02 marks)

....

....

(ii) **Value** (02 marks)

....

....

(b) Give **one** example of a logical function in spreadsheets (01 mark)

....

19. Use the words below to answer questions **(a) – (e)** in the table (05 marks)

Cryptographic utilities, Disk defragmenters, Debuggers, Disk partitioners, Uninstaller

Utility	Function
(a)	Helps the computer to find out the error and fixes it.
(b)	Divides an individual drive into multiple logical drives
(c)	Encrypt and decrypt streams and files
(d)	Used to remove an application program and its associated attributes from the system.
(e)	Increase efficiency by moving data to one side of the disk.

20. (a) Differentiate between **Simplex** and **Half duplex** communication methods. (02 marks)

....

....

(b) State **three** examples of wireless communication channels. (03 marks)

(i)...

(ii)..

(iii)...

END

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