

Candidate's Name.....

Signature.....

Personal Number

S850/1

Subsidiary Information
and Communication

Technology

Paper

2½ hours

SAM IGA MEMORIAL COLLEGE-MAGANJO

MOCK EXAMINATIONS 2020

Uganda Advanced Certificate of Education

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

Answer **all** questions in this paper.

1. (a) Describe the term a computer system. (01 mark)

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.....

- (b) Name any **four** components of a computer system. (04 marks)

(i)
(ii)
(iii)
(iv)

2. (a) What is meant by the term Green Computing? (02 marks)

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.....

- (b) Outline **three** measures being applied at your school to promote green computing. (03 marks)

(i)
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(ii)
.....
(iii)
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3. (a) Distinguish between a **file** and a **folder**. (02 marks)

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(b) Write the file extension of the following files. (03 marks)

(i) Word document.....

(ii) Executable file.....

(iii) Android applications.....

4. (a) Explain the function of each of the following in the computer laboratory.

(i) Anti-glare filter screens. (01 mark)

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(ii) Uninterruptible Power Supply. (01 mark)

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(iii) Fire Extinguisher. (01 mark)

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(b) State any **two** measures intended to protect the computer laboratory against hardware theft. (02 marks)

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5. (a) Write **DBMS** in full. (01 mark)

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(b) Identify the most appropriate data type. (04 marks)

Field Name	Data type
SCHOOL FEES	
SURNAME	
DATE OF BIRTH	
COMMENTS	

6. (a) Describe the procedures one would follow to zip a folder on a windows desktop. (03 marks)

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- (b) State **two** advantages of zipping files and folders. (02 marks)

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7. (a) What is meant by the term Peripheral device? (01 mark)

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- (b) Identify the most appropriate input device for capturing and entering the following data into the computer. (04 marks)

- (i) Text.....
- (ii) Videos.....
- (iii) Audio.....
- (iv) Images.....

8. (a) Outline any **three** netiquette guidelines that must be observed while online. (03 marks)

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- (b) State **two** examples of search engines that you know. (02 marks)

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9. (a) Define the term Motherboard. (01 mark)

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(b) Name any four hardware components connected to the motherboard. (04 marks)

- (i)
- (ii)
- (iii)
- (iv)

10. Explain the meaning of the following terms. (05 marks)

(a) Freeware.
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.....

(b) Shareware
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.....

(c) Software suite
.....
.....

(d) Software bug
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(e) Software piracy
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.....

11. Given the following examples of storage media.

Compact disc	Digital Versatile disc
Blu-ray disc	USB Flash disk
Memory card	External hard disk drive

(a) Identify any three storage media which are more resistant to virus attacks
(03 marks)

(i)

(ii)

(iii)

(b) Name any **two** examples of solid-state storage media? (02 marks)

(i)

(ii)

12. (a) Distinguish between Carbon Copy (CC) and Blind Carbon Copy (BCC) as used in electronic mail. (02 marks)

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(b) State any **three** advantages of using email over ordinary post. (03 marks)

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13. (a) What is meant by Operating system software? (01 mark)

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(b) State any **four** functions of operating system software to the computer.

(04 marks)

(i)

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(ii)

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(iii)

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(iv)

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14. Identify the most appropriate example of software application suitable for performing the following tasks. (05 marks)

(a) Organizing data in form of rows and columns and perform calculations.

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(b) Exploring the internet and viewing web pages on the World Wide Web.

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(c) Typing a letter of apology to be sent to the disciplinary committee.

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(d) Presenting information to a group of audience during a lesson.

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(e) Designing a certificate of appreciation to the outgoing prefects.

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15. (a) Define the term internet. (01 mark)

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(b) Explain any **four** negative implications of using internet at school. (04 marks)

- (i)
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- (ii)
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- (iii)
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- (iv)
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16. (a) Explain the meaning of the following terms as used in data communication. (03 marks)

(i) Modem

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(ii) Network Interface Card

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(iii) Protocol

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(b) State **two** types of networks that you know. (02 marks)

(i)

(ii)

17. (a) Distinguish between physical and non-physical transmission media.

(02 marks)

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.....

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.....

(b) State **three** examples of physical transmission media.

(03 marks)

(i)

(ii)

(iii)

18. (a) What is a computer crime?

(02 marks)

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(b) Suggest **three** measures that can be applied to minimize computer crimes in an organization. (03 marks)

(i)

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(ii)

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(iii)

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19. Outline **five** ICT professional careers that you know. *(05 marks)*

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

20. (a) Explain the meaning of the following terms as used in presentation. *(03 marks)*

(i) Slide master

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(ii) Slide Sorter

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(iii) Slide transition

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(b) Give **two** limitations of presentation software. *(02 marks)*

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END