

Candidate's Name.....

Signature.....

Personal Number

S850/1

**Subsidiary Information
and Communication**

Technology

Paper

2½ hours

SAM IGA MEMORIAL COLLEGE-MAGANJO

MOCK EXAMINATIONS 2019

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) List **three** major specifications one would consider when buying a laptop computer. (03 marks)

(i)

(ii).....

(iii).....

- (b) Distinguish between **data** and **information**. (02 marks)

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2. (a) Distinguish between **cold booting** and **warm booting**. (02 marks)

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- (b) Give **three** circumstances under which a computer can be warm booted.

(03 marks)

(i)

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(ii).....

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(iii).....

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3. (a) What is Information and Communication Technology (ICT)? (02 marks)

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.....

(b) Outline any **three** measures that can be taken to prevent environmental degradation through the use of ICT. (03 marks)

(i)

(ii).....

(iii).....

4. (a) Distinguish between a **file** and a **file extension** (02 marks)

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

(i)

(ii)

(iii)

5. (a) Explain the term **troubleshooting** as used in computers. (02 marks)

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(b) Name one tool that can be used to remove dust from the computer.

(01 mark)

.....

(c) Why would one require an Uninterruptible Powers Supply in the computer laboratory? (02 marks)

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6. (a) Define an input device. (01 mark)

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.....

(b) Name **two** basic input devices associated with common desktop computers. (02 marks)

(i).....

(ii).....

(c) Identify an input device for each of the following data. (02 marks)

(i) Sound.....

(ii) Images.....

7. Outline any **three** functions of an operating system. (03 marks)

(i)

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(ii)

.....

(iii)

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(b) Name any **two** examples operating system softwares. (02 marks)

(i)

(ii)

8. Ali has a DVD full of data and would like to transfer the data to CDs. The capacity of the DVD is 4.7 GB and each CD is 700MB. Calculate the number of CDs he would need to transfer all his data. (05 marks)

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9. (a) Define the term **Tailor-made software**. (01 mark)

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(b) Outline any **four** qualities of good application software. (04 marks)

(i)

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(ii).....

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(iii).....

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(iv).....

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10. (a) Write the following computer abbreviations in full. (02 marks)

(i) CPU.....

(ii) ALU.....

(b) State the role of each of the following CPU components. (03 marks)

(i) Bus.....

.....

(ii) Control Unit.....

.....

(iii) Registers.....

.....

11. (a) Distinguish between utilities and application software. (02 marks)

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.....

(b) Give **three** examples of utility programs. (03 marks)

(i)

(ii).....

(iii).....

12. Explain the following as applied to Internet:

(a) Hotspot. (02 marks)

.....

.....

.....

(b) Internet Service Provider. (01 mark)

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(c) Search Engine. (02 marks)

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13. Give **five** symptoms of a computer infected by a virus. (05 marks)

(i)

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(ii).....

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(iii).....

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(iv)

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(v).....

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14. (a) What is a web browser? (01 mark)

.....
.....

(b) Name **two** examples of web browsers. (02 marks)

(i).....

(ii).....

(c) Give **two** advantages of a website to a school. (02 marks)

(i).....

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(ii).....

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15. State **five** advantages of using Robots over human labour in industries.

(i).....

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(ii).....

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(iii).....

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(iv).....

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(v).....

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16. (a) Define data communication. (01 mark)

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.....

(b) State any **four** requirements for setting up a computer network. (04 marks)

(i).....

(ii).....

(iii).....

(iv).....

17. For questions (a)-(e), fill in the missing words from the list below:(05 marks)

Formula bar

Function

Active cell

Formula

Cell

Name box

(a) The.....is the intersection of a column and a row.

(b) A preprogrammed and predefined formula used for calculations in a spreadsheet is called.....

(c) The cell address of an active cell appears in the.....

(d) The cell that is selected or highlighted and ready to receive data is called.....

(e) A..... performs calculations on the data in the worksheet, and displays the resulting value in the cell that contains it.

18. (a) Give **three** disadvantages of electronic communication. (03 marks)

(i)

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(ii).....

.....

(iii).....

.....

(b) Name any **two** manual communication methods. (02 marks)

(i)

(ii).....

19. (a) Give **two** situations under which electronic presentations would be used. (02 marks)

(i).....

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(ii).....

.....

(b) State three advantages of using electronic presentations over the traditional chalk and talk. (03 marks)

(i).....

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(ii).....

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(iii).....

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20. (a) Differentiate between intranet and extranet. (02 marks)

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(b) Define a Local Area Network (LAN). (02marks)

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(c) Suggest an area network which is restricted to connecting users in a city. (01 mark)

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END