

NAME.....

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

UGANDA ADVANCED CERTIFICATE OF EDUCATION
SUBSIDIARY ICT
PAPER I

INSTRUCTIONS TO CANDIDATES:

Attempt ALL questions in this paper

- *The maximum time allocated to this paper is 2 hours 30 Minutes*
- *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.			11.		
2.			12.		
3.			13.		
4.			14.		
5.			15.		
6.			16.		
7.			17.		
8.			18.		
9.			19.		TOTAL
10.			20.		

1. (a) Define the term **Computer trouble shooting**.

(01 Mark)

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(b) Give **three** factors one should consider before buying a computer. (03 Marks)

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(c) Mention **two** reasons that may force a computer user to change his operating system . (02 Marks)

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2. (a) Define the term **information processing cycle**. (01 Mark)

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(b) List **two** reasons to justify the need for **information processing**. (02 Marks)

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(c) State **two** examples of information in a school setup. (02 Marks)

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3. (a) Briefly describe how you would create **a new folder** on a flash disc. (02 Marks)

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(b) Explain the following **Computer file attributes**:- (03 Marks)

(i) File extension.

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(ii) Read only file.

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(iii) Archived file.

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4. (a) List **two** risks of data in a computer. (02 Marks)

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(b) Write **one** solution to the risk mentioned in (a) above. (01 Marks)

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(c) How can you recover a **file** in your computer which has been deleted accidentally? (01 Mark)

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(d) Under what circumstance may you **format** a hard disk? (01 Mark)

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5. (a) Define the term **data backup** as used in the field of computing. (01 Mark)

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(b) Mention **three** reasons as to why computer users are encouraged always to perform data backup. (03 Marks)

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(c) Define the term **data**. (01 Mark)

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6. (a) What is **spooling**? (01 Mark)

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(b) Distinguish between **customized software** and **canned software**. (02 Marks)

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(c) State the meaning of the following:

(i) **Shareware**.

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(ii) **Freeware**.

7. (a) What is a **web browser** and how does it fetch pages from the world wide web? (02Marks)

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- (b) How can you advise one who wants to get connect to the internet if he has a computer? (03 Marks)

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8. (a) List **one** example of a wireless technology. (01 Mark)

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- (b) Give **two** merits and **two** demerits of wireless technology. (04 Marks)

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9. (a) State **two** professional functions of a teacher of ICT. (02 Marks)

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- (b) Give **two** ethical guidelines to students using internet in a school. (02 Marks)

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- (c) State **one** challenge to ICT related careers in Uganda today. (01 Mark)

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10. (a) Differentiate between “**Cropping**” from “**Crop marks**” features of desktop publishing software. (01 Mark)

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- (b) List **two** publications that can be made using desktop publishing software. (02 Marks)

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- (c) List **two** features of desktop publishing software. (02 Marks)

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11. (a) Distinguish between **green computing** and **cloud computing**. (01 Mark)

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- (b) List any **two** elements of **green computing**. (02 Marks)

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- (c) State **two** positive impacts of **ICTs** on the economy of a country like Uganda. (02 Marks)

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12. (a) Mention **two** application areas of **electronic spreadsheets** in your school.

(02 Marks)

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(b) Given the function =IF (A2>=80, "A", IF (A2>=50, "B", "F")) answer the questions that follow.

(i) State the category of function . (01 Mark)

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(ii) State **one** reason for applying inverted quotation marks on A, B and F. (01 Mark)

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(c) State **one** characteristic of data values in a spreadsheet cell and functions.

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13. (a) A soft copy it to..... While as a hard copy is to..... (02 Marks)

(b) Give **two** difference of using a **CRT** as compared to an **LCD** monitor. (02 Marks)

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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? (01 Mark)

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14. (a) Explain the **steps** of starting **Microsoft office word**. (03 Marks)

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- (b) When typing in Microsoft office word why does a **wavy red line** appear on some Words. (01 Mark)

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- (c) Explain how the **wavy red line** can be removed from your document. (01 Mark)

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15. Intruders in a computer laboratory are some of the threats to the **computer system and data**. Identify any five ways of controlling them. (05 Marks)

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16. (a) What are **pointing input devices**? (01 Mark)

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(b) Explain **two** advantages of using a mouse. (02 Marks)

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(c) Give **two** causes of computer hardware malfunctioning. (02 Marks)

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17. (a) State **three** forms of interfaces an operating system can provide to a computer user. (02 Marks)

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(b) Mention **three** features that make up a font. (03 Marks)

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18. (a) Explain how each of the following **system devices** contribute to the general operation of the computer system (03 Marks)
(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**. (02 Marks)

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(c) As a computer student mention any **two** uses of **Global Positioning System**
(GPS). (02 Marks)

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20. (a) Define **the information and communication technology**? (01 Mark)

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(b) What is a **computer system**?

(01 Mark)

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(c) List any **three** characteristics of computers today.

(03 Mark)

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END