

Candidate's name.....

Signature

Random No.					Personal No.		

(Do not write your school/Center Name or Number anywhere on this booklet)

S850/1
Subsidiary Information
and Communication
Technology
Paper 1
Nov./Dec.2022
 $2\frac{1}{2}$ hours

FACILITATION EXAMINATION
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

1. (a) During the operation of a computer, it performs two basic functions they include:- (02 marks)
- (i)
- (ii).....
- (b) List one characteristic that encourages you to buy a computer. (02 marks)
- (i)
- (ii).....
- (c) What is Information and Communication Technology (ICT) (01 marks)
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-
2. (a) Distinguish between cold booting and warm booting. (02 marks)
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- (b) (i) Give **one** circumstances under which a computer can be warm booted. (01 marks)
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- (ii) State any one methods of carrying out or performing a worm booting. (01 marks)
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- (iii) State any of the computer failure to boot up. (01 marks)
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3. (a) Define the term green computing? (01 marks)

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(b) State any two goals of green computing. (02 marks)

(i)

(ii).....

(c) Outline **two** measures being applied green computing. (02 marks)

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4. (a) Distinguish between a *file* from a *folder*.

(02 marks)

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(b) (i) List any **one** rule of naming a folder.

(01 marks)

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(iii) State any two characters that are not accepted in a computer file name.

(02 marks)

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

(01 marks)

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.....

(c) State any two steps in steps in trouble shooting.

(02 marks)

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(c) Distinguish between *computer servicing* from *computer repair*. (02 marks)

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6. (a) Define the term computer hardware. (01 mark)

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.....

(b) State any two categories of computer hardware you know? (02 marks)

(i).....

(ii).....

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

(i) Sound.....

(ii) Images.....

7. (a) Distinguish between *bespoke software* from *off the shelf software*.

(02 marks)

.....
.....
.....

(b) State any **one** functions of the following system softwares. (03 marks)

(i) Operating system.....

(ii) Utility programs.....

(iii) Programming Language

8. (a) Annet is a system administrator. At the end of the week, Annet makes a back up of her data file

What is a backup? (01 marks)

.....
.....
.....

(b) (i) State any **two** reasons for carrying out backup. (02 marks)

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.....

(iii) List **two** examples of Biometric devices. (02 marks)

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.....

9. (a) Distinguish between *System software* from *Application software*. (02 marks)

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(b) Define the following terms as used in computer software. (02 marks)

(i) Public domain software

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(ii) Packaged software

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(iii) Open source software

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10. (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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.....

11. (a) Distinguish between Desktop publishing software and presentation software. (02 marks)

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(b) Give **one** examples of Desktop publishing software you know. (01 marks)

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(c) Explain the following feature of desktop publishing software. (02 marks)

(i) Select tool

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(ii) Rotate Tool.

.....

(iii) Text Tool.

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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 one advantages of electronic mail over traditional mail.

(01 marks)

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(c) Explain the following terms as used in electronic mails.

(i) Soft bounce.

.....
.....

(ii) Hard bounce.

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.....

13. (a) Define **file extension** as used in file management. (01 marks)

.....
.....

(b) Give the appropriate file extension for the following programs in the table below. (04 marks)

Program / Software	File extension
Presentation file	
Word processing file	
Executable file	
Desktop Publishing file	

14. (a) Write **URL** in full. (01 marks)

.....

(b) (i) Give a URL below name the major parts it contains. (04 marks)
http://www.youtube.com/kyalenga.mp3.

State the:

a) Protocol:

b) Domain name:

c) Top level domain:

d) File name:

15. Give any **five** ICT carrier opportunities you know. *(05 marks)*

(i)

.....

(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) Define the following as used in data communication. *(04 marks)*

(i) Simplex transmission.

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(ii) Half duplex transmission.

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(iii) Full duplex transmission.

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(iv) Transmission media.

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

Slide master

Place holder

Slide transition

Transition loop

Slide show

Action button

- (a) The..... used as hyperlink to navigate a presentation.
- (b) Container in layout that holds text, graphics and clipart is
- (c)this is the default template when starting a power point presentation.
- (d)Enables the presentation to run automatically and continuously without stopping.
- (e)refers to visual movement as one slide is changes to a nother.

18. (a) Give **two** advantages of networked computers in an organization.

(02 marks)

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.....

.....

(b) Distinguish between *peer to peer* networks from *Client server* network.

(02 marks)

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.....

(c) Define the following as used in computer networks.

(01 marks)

(i) Router.

.....

(ii) Gateway.

.....

.....

19. (a) Distinguish between intranet from extranet.

(02 marks)

(i).....

.....

(ii).....

.....

(b) State three advantages of using intranet in an organization. (03 marks)

(i).....

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(ii).....

.....

(iii).....

.....

20. (a) God's hope ICT club keeps a file of members on a computer system.

Part of the files shown in the following diagram.

CODE	SURNAME	INITIAL	SEX	DATE OF BIRTH
K1001	Serugo	S	M	11/12/97
K1011	Rehema	R	F	04/01/98
K1025	Kibalama	K	M	15/05/97
K1037	Fred	F	M	18/02/98
K1057	Muwabe N	M.N	M	21/07/97
K1073	Namanya	N	M	09/02/99
K1096	Patel	P	F	03/09/98
K1102	Sauda	S	F	22/04/99
K1124	Agnes	A.A	F	14/04/97
K1139	Moses	M.O	M	09/01/98

(b) State how many fields are in each record (1 Marks)

.....

(c) State the data type that should be used for the CODE data. (1 Marks)

.....

(d) State the possible field size for SEX

(1 Marks)

(e) Write a criteria to display name beginning with letter S (2 Marks)

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END