

Candidate's Name:

Signature

S850/1
Subsidiary Information
and Communication
Technology
Paper 1
July/August.2023
2¹/₂ hours

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

Turn Over

Answer **all** questions in this paper

1. (a) Explain the term Information and Communication Technology. (02 marks)

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(b) In modern world, every person is endeavoring to ease access to information.
Give **three** reasons why students in Secondary Schools should not be allowed to have mobile phones. (05 marks)

(i).....
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(ii).....
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(iii).....
.....

2. (a) Differentiate between Computer servicing and computer repair (02 marks)

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b) Write one reason for having the following items in the computer laboratory

i) Woolen carpet (01 mark)

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ii) Blower (01 mark)

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.....

iii) CCTV cameras. (01 mark)

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.....

3. (a) A student had a file on her laptop and wanted to transfer it to a computer in a laboratory. Give **three** devices that she can use to transfer the file.

(03 marks)

(i).....

(ii).....

(iii).....

(b) Teo's network access speed is six megabytes per second. How many kilobytes does Teo's network receive or send per second?

(02 marks)

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5. During a practical examination students were required to open a blank file and save its as

D:\STUDENT WORK\EOT PRACTICAL\safety.doc.

(a) State the name of the immediate subfolder in which students must save the file.

(01 mark)

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b) Write the root directory onto which the file must be saved.

(02 marks)

.....

c) Suggest one example of a computer application the student can use to create the file.

(01 mark)

.....

d) State the name of the file represented by the above file path.

(01 mark)

.....

5. (a) Explain the following terms in spreadsheet.

(i) Values.

(02 marks)

.....
.....

(ii) Labels.

(02 marks)

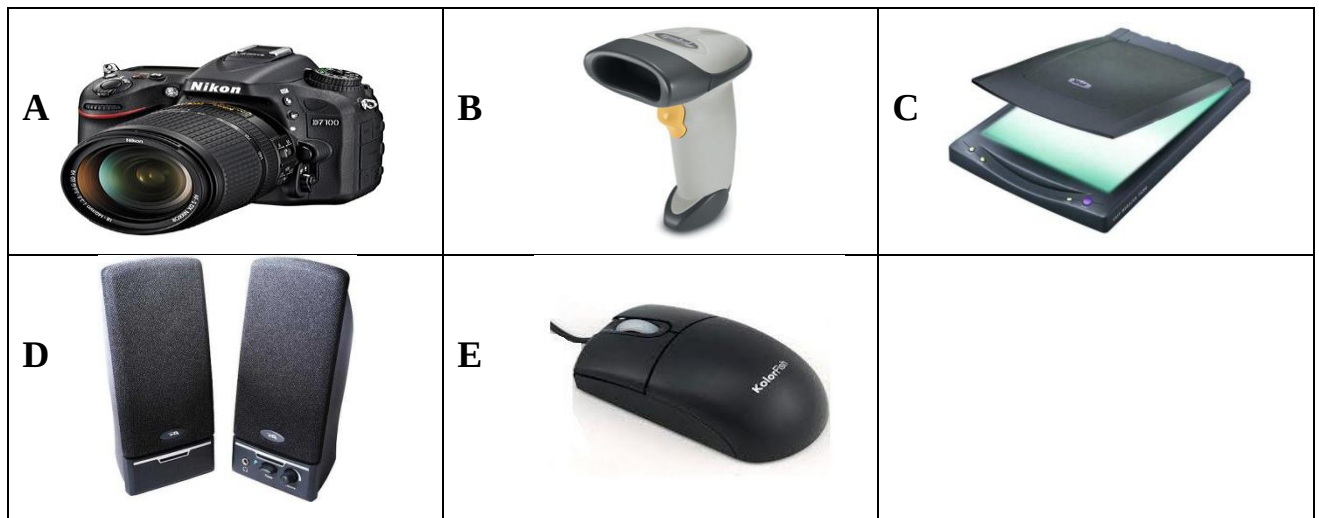
.....
.....

(b) Name a symbol used when writing functions in a spreadsheet.

(01 mark)

.....

6. Study the devices and answer questions that follow.



(a) Name the devices labeled.

(03 marks)

A.....

B.....

C.....

(b) Give one major similarity between devices A and E.

(01 mark)

.....
.....

(c) Identify one device which can be categorized as an output device.

(01 mark)

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7. (a) What is multiprocessing?

(01 mark)

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b) Give two advantages of each of the following Operating systems

i) Windows.

(02 marks)

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ii) Linux

(02 marks)

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.....

8. Identify five ICT related employment opportunities in Uganda today

(05 marks)

(a).....

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(b).....

.....

(c).....

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(d).....

.....

(e).....

.....

9. (a) Define the term **Motherboard**.

(02 marks)

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

(b) Identify any **three** components housed on the motherboard. (03 marks)

(i).....

(ii).....

(iii).....

10. (a) Define the following terms as used in publications.

(i) Frame.

(01 mark)

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

(ii) Template

(01 mark)

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

(b) List any **two** desktop publication soft wares

(02 marks)

(i).....

(ii).....

(c) Name a document that can be produced using publication software.

(01 mark)

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11.(a) Outline any **three** threats a System Administrator may face as a result of networking computers. (03 marks)

(i).....

.....

(ii).....

.....

(iii).....

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(b) Suggest any **two** measures that the system administrator can employ to reduce the network threats. (02 marks)

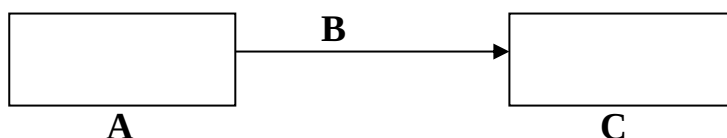
(i).....

.....

(ii).....

.....

12.Study the data communication diagram below and answer the questions that follow:



(a) Name the elements of data communication labelled; (03 marks)

A.

B.

C.

(b) Suggest the devices used to connect A to B. (01 mark)

.....

(c) State the protocol used to uniquely identify A and C. (01 mark)

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13. Explain the following as applied to Internet:

(a) Hotspot. (02 marks)

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.....

(b) Internet Service Provider. (01 mark)

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(c) Search Engine. (02 marks)

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14.(a) Give **two** reasons to justify ownership of institutional websites.

(02 marks)

(i)

.....

(ii).....

.....

(b) (i) What is a web browser. (01 mark)

.....

.....

(ii) Under what circumstances can someone use a Uniform Resource
Locator (URL) in a web browser?

(02 marks)

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.....

.....

15. The table below shows a worksheet which Nabirye was working on. Use it to answer the questions that follow.

	A	B	C	D	E
1	ID Number	Name	Item 1	Item 2	29.1
2	100000	Akello	990	34	11.8
3	100000	Nambi	660	58	#DIV/O!
4	#####	Busingye	8800	-	
5				#NAME?	
6					

a) (i) Suggest a reason why the entry in cell A4 appeared as shown. (01 mark)

.....

(ii) How do you rectify the error in cell A4? (01 mark)

.....

(iii) What does the error in cell E3 mean? (01 mark)

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(iv) How do you correct the error in cell D5? (01 mark)

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16. Read the statement below and write the words TRUE or FALSE in the spaces provided. (05 marks)

STATEMENT	TRUE/FALSE
(a) Machine code is one of the level computer languages.	
(b) Microsoft is the only operating system in use in Uganda	
(c) WINZIP is an example of system software which reduces the actual size of a file	
(d) A student delivering a presentation would need an LCD projector and laptop.	
(e) Screen savers can be categorized as desktop publishing software since they can be used for advertising purposes.	

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

(i).....
.....

(ii).....
.....

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

(i).....
.....

(ii).....
.....

(iii).....
.....

18.(a) Distinguish between hyperlink and homepage. (02 marks)

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(b) Identify **three** netiquette guidelines while using the internet. (03 marks)

(i).....
.....

(ii).....
.....

(iii).....
.....

Turn Over

19.(a) Give any **two** services that use Electronic payment (E-payment) method. (02 marks)

- (i)
.....
- (ii)
.....

(b) State **three** advantages of using E-payments over traditional methods. (03 marks)

- (i).....
.....
- (ii).....
.....
- (iii).....
.....

20. Using the email address:**annet@gmail.com**, identify what these parts stand for.

(a)annet. (01 mark)

.....

(b) @ . (01 mark)

.....

(c)gmail (01 mark)

.....

(d) .com (02 marks)

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