NAME:…………………………………………………….INDEX No:………………………

SCHOOL:……………………………………………….….SIGNATURE…………………….

S850/1
Subsidiary Information
&Communication
Technology

2½ Hours

Uganda Advanced Certificate of Education
SUBSIDIARY ICT
PAPER I
Duration: 2hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

- ❖ Attempt ALL questions in this paper
- ❖ The maximum time allocated to this paper is 2 hours 30 Minutes
- ❖ 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
- ❖ Examiners use only

For Examiners User Only																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	TOTAL

<table>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
</table>

1. a) Define the following terms (3 marks)

Wiki

……

……

Web portal

……

……

Blog

……

……

(b) State the type of organizations with the following top level domains (2 marks)

.mil……

.ac……

2. a) Distinguish between a transfer rate and access time as applied to secondary storage devices

(2 marks)

……

……

……

……

(b) Explain any three ways of caring for CDs and DVDs. (3 marks)

……

……

……

……

3. a) What is a software version? (1 mark)

……

……

(b) Software is easily known to be affected by computer viruses which corrupt almost all files and other software to hinder their functionality. Define a computer virus? (1 mark)

……

……

(c) Describe any two symptoms of computer viruses to software and hardware (2 marks)

……
……
……
……

(d) State any one antivirus program you know (1 mark)

……

4. Mr. Olama, a computer illiterate teacher was informed of the new ICT equipments and among these were the biometric devices which he had no idea about. He later seeks your help. As an ICT student, What are biometric devices? (1 mark)

……
……

(b) Mention any three biometric devices that they might have informed him about. (3 marks)

……
……
……
……

(c) Explain any one disadvantage of using biometric devices (1 mark)

……
……

5. a) Distinguish between software copyright and intellectual property rights. (2 marks)

……
……
……

(b) State any three IT codes of conduct (3 marks)

……
……
……
……

6. a) Distinguish between usenet and netiquette. (2marks)

……
……
……

b) Mr. Bakabulindi received an e-mail in the presence of his friend Ojara who was very illiterate. Help Ojora understand the importance of the following features. (3mrks)

(i) B.C.C……………………………………………………………………………………………………..

(ii) In box ……………………………………………………………………………………………………

(iii) Compose new ……

7. Complete each sentence below using one item from list (5 marks)
- Chat room   - web portal   - custom software   - linkers
- VoIP   - http   - packaged software   - interpreters
- video conferencing   - google   - publication   (5mrks)
a) ……………..…… Is a common search engine for other resources on the internet.
b) ………………………. Allows users to talk to each other just for the cost of internet connection.
c) ……………………………………………..…… is for URLS
d) …………. Is a commercial software which is copyrighted and designed to meet the needs of many users.
e) ………………..... is a software that translates the source program line by line while the program is running.

8. As he was finalizing the typing of his document, Tom's mouse jammed but still had to continue and had
   no immediate solution. Which shortcuts, on keyboard could he use to, (4marks)
a) Save: ………
b) View the last page: ………………………………………………………………………………………………
c) Print his document: ………………………………………………………………………………………………
d) Paste: ……

e) Apart from Ms office word, give any other two word processing software. (1mark)
i)………..…………
ii)……

9. State whether the following are **TRUE** or **FALSE**

	Statement	TRUE/FALSE
1.	A slot is found on the motherboard of a computer	
2.	Winrar is a utility software	
3.	POST helps to check if hardware is properly functioning and connected	
4.	System clock speed records the current data and time speed on the monitor	
5.	Primary key in a database table causes data redundancy	

10. State any three risks to data. (3 marks)
……
……
……

(b) Explain any two ways of securing data on a computer   (2 marks)

……

……

……

……

11. a) Define the term a file extension   (1 mark)

……

……

(b) Describe briefly the procedure for renaming a folder (2 marks)

………

………

………

(c) State any one way of recovering lost files on a computer (1 marks)

………

…………………………………………………………………………………

(d) Mr. Kato connected a flash disk and displayed as local disk G, it had his PowerPoint document named as exercise inside a folder named as Exam, which is also found inside a folder called Assignment, Write a complete file path for his document (1 mark)

………………………………………………………….…………………………………………………………

12. a) Define the term computer servicing (01 mark)

………

………

b) Give any two items/materials that can be used to service computers in a computer laboratory. (2 marks)

………

………

c) Explain any two importance of servicing computers. (2 marks)

....

………

………

13. There are various forms of data communication which includes the both guided and unguided transmission

(i) What is a guided transmission? (1 mark)

………

…….

(ii) Give any two examples of unguided transmission (1 mark)

………

………

(i) Distinguish between modulation and demodulation as applied to data transmission. (2 marks)

………

………

………

(ii) Identify the device that can carry out both activities in b(i) above   (1 mark)

……

14. a) Define the following terms as applied to presentation software.   (2 marks)

A slide………………………………………………………………………………………………………

……

Animations …………………………………………………………………………………………………

……

b) State any other two examples of presentation software apart from Ms. PowerPoint   (2 marks)

……

……

(c) Explain one reason why it is necessary to use handouts during a presentation   (1 mark)

……

……

15. a) Define the term ICT and give one example of an ICT device   (2 marks)

……

……

……

b) i) what are the disadvantages of online banking as compared physical banking.   (2 marks)

……

……

……

(c) Explain any one advantage of using mobile money services for money transfer   (1 mark)

……

……

16. a) Define the term cloud computing as applied in ICT   (01 Mark)

……

……

b) State any two advantages and two disadvantages of cloud computing

Advantages   (2 marks)

……

……

……

……

Disadvantages   (2 marks)

………
………
………
………

17. a) Define the term bandwidth as applied to data communication.   (1 mark)

………
………
………

b) State two factors that affect the speed of data transmission on a network.   (2 marks)

………
………
………
………

c) Why should an organization should go for a fiber optic cable unlike an Ethernet cable? Give two reasons
                                                                                      (2 marks)

………
………
………
………

18. Define the term a software suite   (1 mark)

………
………

b) Give any two characteristics of good software   (2 marks)

………
………

c) State any two circumstances under which a software may fail to install or run on a computer. (2 marks)

………
………
………

19. Any GUI possesses icons though some are secured with passwords and menus which are user friendly
Define the term an icon   (1 mark)

………
………

ii) State any two common icons in a windows GUI environment.   (2 marks)

……

……

Mention any two qualities a good password should possess   (2 marks)

……

……

……

……

20. Identify the following devices and state the function of each

DEVICE	NAME	FUNCTION

You create your own opportunities.
Wish you the best

END