Random No.					Personal No.		

Candidate's Name:

……Signature

……

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

S850/1
Subsidiary Information and Communication Technology
Paper 1
Nov/Dec.2016
2*12* hours

UGANDA NATIONAL EXAMINATIONS BOARD

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

(a)……
……

(b)……
……

(c)……
……

(d)……
……

(e)……
……

2. (a) Explain the Importance of servicing and maintenance of computers. *(02 marks)*

……
……
……
……

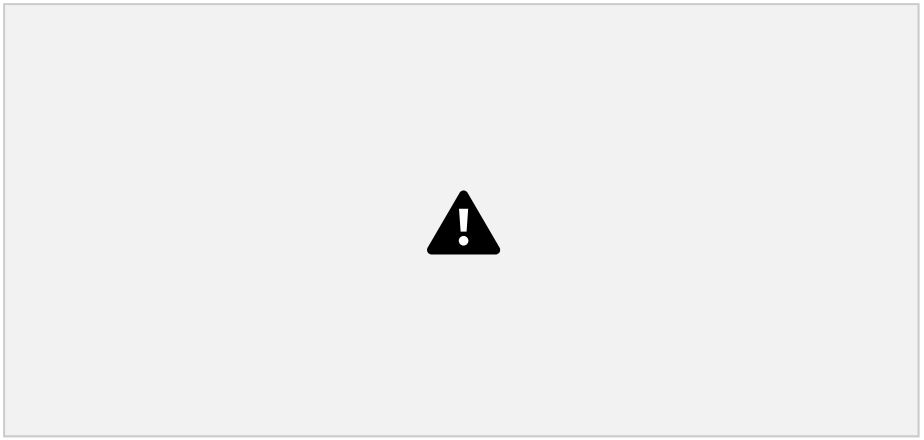
(b) Suggest any **three** activities involved in servicing and maintenance of computers. *(03 marks)*

(i)……
……

(ii)……
……

(iii)……
……

1. Use the image below to answer the question that follows.



(a) Write down the path for the subfolder called **My Videos**. *(03 marks)*

……
……
……

(b) Describe a method you can use to recover an accidentally deleted folder from the desktop. *(02 marks)*

……
……

4. Describe the following terms as used in Information and Communication Technology. (ICT) *(05 marks)*

(a) System Unit

……
……

(a) RAM chip

……
……

(b) Power Supply

……
……

(c) Bus

……
……

(d) Peripheral devices

……
……

1. (a) Define the term **File extension**. *(02 marks)*

……
……
……
……

(b) Fill in the right file extension for the following file. *(03 marks)*

(i) Audio File…….

(ii) Word Document……

(iii) Presentation document……

2. (a)What is an output device? *(01 mark)*

……
……
……
……

(b) Give the **two** categories of printers and an example in each case.

(i) Category……

Example……..

(02 marks)

(ii) Category……

Example……

(02 marks)

7. (a) Distinguish between system and application software. *(02 marks)*

……
……
……
……

(b) Give **three** types of language translators used in programming. *(03 marks)*

(i)……

(ii)……

(ii)……

8. (a) Differentiate between a computer hardware and computer software.

(02 marks)

……
……
……
……

(b) Storage device is **one** of the categories of computer hardware. List the other **three** categories. *(03 marks)*

(i)……
(ii)……
(iii)……..

9. Indicate TRUE or FALSE against each statement in the table below.

(05 marks)

	STATEMENTS	TRUE/FALSE
(a)	Public domain software is copyrighted	
(b)	Off-the-shelf software is developed and sold for profit	
(c)	Source codes of open source software programs are only available to paid up subscribers.	
(d)	Shareware programs are widely available from a variety of download sites on the internet	
(e)	Freeware programs are frequently developed by only amateur programmers.	

10. (a) Define the term **Motherboard**. *(02 marks)*

……
……
……
……

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

(i)……

(ii)……

(iii)……

11. (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)

……

12. Complete the table below. *(05 marks)*

	APPLICATION SOFTWARE	**PURPOSE**
(a)	Word processing	……... …….
(b)	……...	Used to organize data in rows and columns and also perform calculations.
(c)	Database Management systems	…… ……
(d)	Desktop publishing software	…… ……
(e)	……	Used to combine text, graphics, animation, audio, and video.

13. Computer data and software are exposed to a number of risks hence need for great care and protection. Suggest **five** ways of protecting data and software.

(05 marks)

(a)……

……

(b)……
……

(c)……
……

(d)……
……

(e)……
……

14. (a) Give **three** benefits for sending documents using email service.
(03 marks)

(i)……
……

(ii)……
……

(iii)……
……

(b) State **two** benefits for sending documents using ordinary post. *(02 marks)*

(i)……
……

(ii)……
……

15. Use the terms below to complete the statements that follow. *(05 marks)*

Virtual Reality	WIFI
Simulation	
Bluetooth	Artificial Intelligence

(a) The Science of representing behavior of real life situation using a computerized model is

……

(b) The Technology that allows an electronic device to exchange data using Radio waves over a computer network
is……

(c) The technology that allows users to transfer data for a short distance between mobile devices
is……...

(d) The technique that rates images by a computer that appear to surround the person looking at them
is…….

(e) The Science of computers that enable qualities of human beings to be imitated is…….

16. (a) Distinguish between hyperlink and homepage. *(02 marks)*

……
……
……
……

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

(i)……
……

(ii)……
……

(iii)……
……

17. (a) Give **two** wireless transmission media. *(02 marks)*

(i)……

(ii)……

(b) Identify **three** limitations of wireless transmission media. *(03 marks)*

(i)……
……

(ii)……
……

(ii)……
……

18. Choose the correct terms to complete the statements (a)-(e)

Rename	Watermark
Bookmark	Mail Merge
Merge	Pointer
Cursor	Indent

(05 marks)

(a) A background feature in a document is referred to as

……

(b) The feature that allows duplication of a document with unique addresses is

……

(c) The feature that starts a line of text further from the margin is

……..

(d) The feature that assigns a name to a specific point in a document is called.

……

(e) A symbol on the screen that indicated an insertion point in a document is a

……..

19. Explain each of the following terms as used in Information and Communication Technology. *(05 marks)*

(a) Communication

……
……
……

(b) Network

……
……
……

(c) Protocol

……
……
……

(d) Modem

……
……
……

(e) Bandwidth

……
……
……

20. Outline **five** uses of intranets in an organization *(05 marks)*

(a)……
……

(b)……
……

(c)……
……

(d)……
……

(e)……
……

END