Candidate's Name:

....

Signature: ....

Random No.						Personal No.		

(Do not write your School/Centre Name or Number anywhere on this booklet.)

S850/1
Subsidiary Information
& Communication
Technology
Paper 1
Nov./Dec. 2014
21/2 hours

UGANDA NATIONAL EXAMINATION BOARD

Uganda Advanced Certificate of Education

SUBSIDIARY ICT

Paper 1

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

Answer **all** *questions in this paper.*

The paper is made up of **twenty** *equally weighted questions.*

All answers should be written in blue or black ink in the spaces provided on 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	**Total**	

Turn Over

Answer **all** the questions in this paper.

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

(02 marks)

…………………………………………………………………………………………

…………………………………………………………………………………………

…………………………………………………………………………………………

(b) State three ways in which information technology has improved
communication.   (03 marks)

(i)…………………………………………………………………………………

(ii)…………………………………………………………………………………

(iii)…………………………………………………………………………………

2. Give one reason why a school director would purchase the following equipment for a
computer laboratory:

(a) Blower.   (01 mark)

…………………………………………………………………………………………

…………………………………………………………………………………………

…………………………………………………………………………………………

(b) Anti-glare filter screens.   (02 marks)

…………………………………………………………………………………………

…………………………………………………………………………………………

…………………………………………………………………………………………

(c) Air conditioner.   (02 marks)

…………………………………………………………………………………………

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…………………………………………………………………………………………

3. During a practical examination, students were required to open a blank file and save it 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)

…………………………………………………………………………………………

(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.

…………………………………………………………………………………………

4. Study the devices below and answer questions that follow
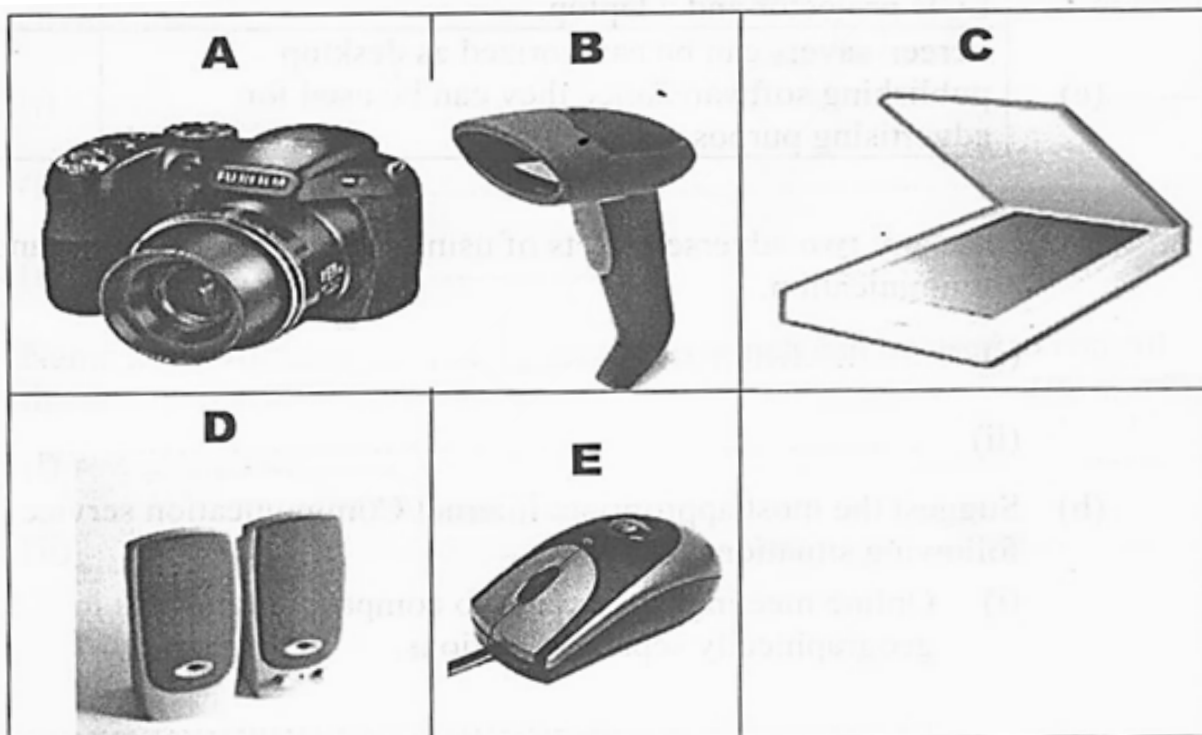
(a) Name the devices labeled. (03 marks)

A.…………………………………………………………………………………..

B.…………………………………………………………………………………..

C.…………………………………………………………………………………

(b)   Give **one** major similarity between devices **A** and **E**   (01mark)

………………………………………………………………………………………………

(c)   Identify one device which can be categorized as an output device. (01 mark)

………………………………………………………………………………………………

Read the statements below and write the words **TRUE** or **FALSE** in the spaces provided.

(05 marks)

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

6.   (a)   State any two adverse effects of using Internet for business and communication.

(02 marks)

(i)   ……………………………………………………………………………………

(ii)   ……………………………………………………………………………………

(b)   Suggest the most appropriate Internet Communication service in the following situations:

(i)   Online meetings between two company employees in geographically separated regions.   (01 mark)

………………………………………………………………………………………..

(ii)   Instant and real time communication between friends.   (01 mark)

………………………………………………………………………………………

(iii) Typed viewson an on-going online discussion amongst a specific group of people.   (01 mark)

………………………………………………………………………………………

7   (a)   Identify any three devices other than computers required to set up

a network within a school environment.   (03 marks)

(i)   ………………………………………………………………………………

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

(iii) ………………………………………………………………………………

(b)   Distinguish between data communication and networking.   (02 marks)

………………………………………………………………………………………

………………………………………………………………………………………

………………………………………………………………………………………

………………………………………………………………………………………

8.   (a)   List any three possible threats to data in a computer networked environment.

(03 marks)

(i)   ………………………………………………………………………………

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

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

(b)   Name any two types of security measures which can be used to control the
threats listed in (a) above.   (02 marks)

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

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

9. Given below is a notice which a head girl has typed and intends to pin up on all the notice boards in the school.

THE REGIONAL SWIMMING GALA
ON 22ND NOVEMBER 2014
AT MAKERERE UNIVERSITY POOL
FEE:5000
REGISTER WITH HEAD GIRL

Explain any five word processing features which the head girl would use to enhance the appearance of the above notice.   (05 marks)

    (a)   ….…………………………………………………….…………………………..…

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

    (b)   ….…………………………………….…………………………………………..…

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

    (c)   ….…………………………………………………………………………………..

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

    (d)   ….………………………………………………………………………………..

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

    (e)   ….………………………………………………………………………………….

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

10. (a) Suggest one way in which computers have been made user-friendly for persons that are physically challenged in the following areas.

    (i)   Without hands.   (01 marks)

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

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

    (ii)   Impaired vision   (01 mark)

………………………………………………………………………………………………

………………………………………………………………………………………………………

(b) Give three health issues that may be caused by the prolonged use of computers. (03 marks)

(i) …………………………………………………………………………………

(ii) …………………………………………………………………………………

(iii) …………………………………………………………………………………

11. Choose the appropriate file extensions from the list given for sentences to (e).**.doc, .txt, .tif, .exe, bat , .sys** (05 marks)

(a) Program files that perform fundamental operations in a computer.

……………………………………………………………………………………………

(b) A Microsoft word file……………………………………………………………….

(c) A file containing series of commands during boot up……………………………..

(d) A plain file created using note pad………………………………………………….

(e) A graphic file created using applications such as Adobe Photoshop………………

12. (a) State an three operations of the machines cycle of a Central Processing Unit.

(03 marks)

(i) …………………………………………………………………………………

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

(iii) …………………………………………………………………………………

(b) Describe any one of the operations stated in (a) above (02marks)

………………………………………………………………………………………..

………………………………………………………………………………………..

………………………………………………………………………………………..

13. (a) A set of instructions that are arranged in a logical way to run a computer is called... (01mark)

(b) List any three categories of system software. (03 marks)

(i) ……………………………………………………………………………..

(ii) ………………………………………………………………………………………

(iii) ………………………………………………………………………………………

(c) Give one example of a presentation software....................................(01 mark)

14. (a) Give three benefits of connecting computers to the Internet   (03marks)

(i) ………………………………………………………………………………..

(ii) …………………………………………………………………………………

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

(b)   Outline two disadvantages of connecting computers to the Internet.   (02 marks)

(i) ………………………………………………………………………………..

(ii) ………………………………………………………………………………

15.   Explain why an organization would prefer to use Electronic mail (E-mail) over ordinary mail.   (05 marks)

16.   Outline five areas of self-employment that a sub ICT student can engage in.
                                                                                                      (05 marks)

(a) …………………………………………………………………………………

(b) …………………………………………………………………………………

(c) …………………………………………………………………………………

(d) …………………………………………………………………………...……

(e) …………………………………………………………………………………

17. Use the terms below to complete the sentences that follow in (a)-(e).

(05 marks)

- Slide transition
- Slide design
- Slides
- Slide show
- Animation effect
- Slide master
- Slide layout
- Handouts

(a) The visual movement from one slide to another slide is...................................

(b) The .... set up the way text/objects appear on a

slide during a presentation.

(c) The presentation of slides in a sequence on a projection screen is
referred to as ....

(d) The ....defines the arrangement of all items that make
up a slide.

(e) A user can print the entire presentation on one page by printing the

……………………………………………………………………………………….

18. (a) State one difference between a Compact Disc (CD) and a Digital Versatile

Disc (DVD). (01 mark)

………………………………………………………………………………………

………………………………………………………………………………………

………………………………………………………………………………………

(b) Explain the circumstance under which the following storage devices are

used.

(i) Memory card. (02marks)

………………………………………………………………………………………

………………………………………………………………………………………

………………………………………………………………………………………

(ii) Flash disk. (02 marks)

………………………………………………………………………………………

………………………………………………………………………………………

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19. (a) Describe the following terms in programming languages. (03 marks)

(i) Interpreters

....

....

(ii) Syntax

....

....

(iv) Debugging

....

....

(b) Identify two characteristics of a good programming language. (02 marks)

(i)...

(ii)...

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.. (01 mark)