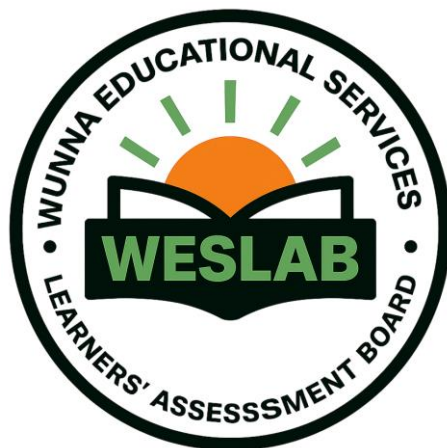


CANDIDATE'S NAME: _____ INDEX No. _____

S850/1

Subsidiary Information and
Communication Technology

2 ½ hours



Uganda Advanced Certificate of Education

SUBSIDIARY ICT ASSESSMENT TEST ONE

Paper 1

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

- The paper is made up of **twenty** equally weighted questions.
- Answer all questions in this paper.
- All answers should be written in dark blue or black ink in the spaces provided on the question paper.
- No additional answer sheets should be inserted.

For examiner's use only

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total

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

1. Mention one positive impact of ICT in each of the mentioned sectors below.

(i) Education (01 mark)

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(ii) Social/Ethical (01 mark)

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(iii) Economy (01 mark)

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(iv) Politics and Governance, (01 mark)

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(v) Security (01 mark)

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2, (a) Define the term **computer literacy**. (01 mark)

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(b) State the difference between **data and information**. (02 marks)

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.....
(c) Mention two reasons for E-learning in schools. (02 marks)

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.....
3. (a) Define a computer **laboratory**. (01 mark)

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.....
(b) Mention two ways you can ensure safety of computers in a lab. (02 marks)

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.....
(c) State two things you would consider before setting up a computer lab. (02 marks)

.....
.....
4. (a) Give the difference between a **file** and a **folder**. (01 mark)

.....
(b) State the file extension for each of the following file types: (02 marks)

FILE TYPE	FILE EXTENSION
Video clip	
Audio elip	
Text	
Executable program	

(c) In which folder is the file named in the file path below saved?
C:/ users/User/Desktop/WES/seniorsixpaperonetheory.docx (02 marks)

.....

5. (a) Distinguish between a **cold** boot and a **warm** boot. (02 marks)

.....

.....

(b) State two reasons for restarting a computer. (02 marks)

.....

(c) Write down the one function of the components below.

(i) CMOS. (01 mark)

.....

(ii) RAM. (01 mark)

.....

6. (a) State **two** factors you would consider before setting up a **computer network**. (02 marks)

.....

(b) Mention one advantage of a peer - to - peer over a client - to - server Relationship. (01 mark)

.....

(c) State **one** function of each of the following Networking devices.

(i) Router. (01 mark)

.....

(ii) Firewall. (01 mark)

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7. (a) Distinguish between **input** and **output** devices. (01 mark)

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.....
(b) State **two** devices that can be used as both **input and output**. (02 marks)

.....
.....
(c) State the difference between a **hardcopy and a softcopy**, (02 marks)

.....
.....
8. (a) Write CPU in full. (1 marks)

.....
.....
(b) Mention **one** function of the following parts in a CPU:

(i) Registers. (01 mark)

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.....
(ii) Control Unit. (01 mark)

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.....
(c) Mention **two** machine cycle processes. (02 marks)

.....
.....
9. (a) Mention any **two** services provided by the internet. (02 marks)

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.....
(b) State one factor that can lead to a slow internet download speed. (01 mark)

.....
(c) Define the following types of websites:

(i) Blog. (01 mark)

.....
.....
(ii) Wiki. (01 mark)

.....
10. (a) What is the difference between **WAN** and **WLAN** (01 marks)

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.....
(b) Explain the meaning of the following networking concepts.

(i) Bandwidth. (02 marks)

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.....
(ii) Bluetooth. (02 marks)

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...
11. (a) Define the concept of cybercrime. (01 mark)

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.....
(b) Explain **four** threats to data/information in a computer lab. (04 marks)

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12. Describe the steps of **information processing cycle**. (05 marks)

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13. (a) What is the difference between **word processing and spreadsheet** applications software? (02marks)

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(b) Apart from Microsoft Word, list one other example of word processing application software. (01 mark)

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(d) Name one unique feature typical of each of the following office application programs.

Word Processor

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Spreadsheet

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14. (a) Define the term **Green Computing**. (02 marks)

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(b) Give and explain **three** green computing practices. (03 marks)

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15. (a) What is an **Icon** in a desktop environment? (01 mark)

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.....
(b) State the **four** common icons on a normal desktop of a computer. (04 marks)

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.....
16. (a) What is **meant** by the term ICT and give two examples of ICT tools you have ever used. (02 marks)

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.....
(b) Briefly explain **three components** found inside a computer system unit (03 marks)

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.....
17. (a) Define the term **Utility programs**. (02 marks)

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.....
(b) Explain one function of each of the following system utilities: (03 marks)

(i) Disk defragmenters.

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.....
(ii) Antivirus utility.

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.....
(iii) Data compression utilities.

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.....
(a) Define the term email? (01 mark)

.....
(b) Identify the parts of this email address: ugandaeast@gmail.com (04 marks)

i) ugandaeast.....

ii) @.....

iii) gmail,

iv) com.....

19. As an ICT student, you have been approached by management with a view of buying computers that are to be used in the teaching and learning process. Assuming you been selected to spearhead the team to purchase the computers. Explain five factors you would consider while buying computers. (05 marks)

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20. Indicate **TRUE or FALSE** against each statement in the table below. (05 marks)

		TRUE or FALSE
(a)	Windows 7 is a graphical User Interface Operating System.	
(b)	Electronic spreadsheets supports mathematical and statistical computations.	
(c)	Word processors have formula bars.	
(d)	Disk operating system is command driven operating system.	
(e)	Back up is the combination of two or more files to produce one output file.	

END.