

Name:Signature:

S850/1
Sub ICT
End of term 2 Exams
1 hr 45 min
2018

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UGANDA ADVANCED CERTIFICATE OF EDUCATION (UACE)
END OF TERM TWO EXAMINATIONS
S850/1 Subsidiary ICT - SENIOR FIVE
1 Hr 45 Min

Instructions:

- a) *This paper is made up of twenty (20) structured questions.*
- b) *Write your answers in the spaces provided. No additional answer booklet will be provided to candidates.*
- c) *Your answer should be precise and concise.*
- d) *Use of relevant examples will attract bonus marks.*

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1			8	
2			9	
3			10	
4			11	
5			12	
6			13	
7			14	
				TOTAL

1. (a). Give the difference between data and information. (02 marks)
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- (b). State any two causes of data loss in a computer laboratory. (02 marks)
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- (c). Suggest one way data loss in a computer laboratory can be controlled. (01 mark)
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2. (a). Define the term computer laboratory. (01 marks)
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- (b). State any two ways computers can be damaged in a laboratory. (02 marks)
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- (c). Mention any two ways computers can be safeguarded against damage in a computer laboratory. (02 marks)
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3. (a). Give the difference between cold and warm booting. (02 marks)
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- (b). State any two reasons for carrying out a warm boot. (02 marks)
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- (c). Give one reason why a computer may fail to start. (01 mark)
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4. (a). List three ways computers are used at home to promote education. (03 marks)

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(b). Give two disadvantages of using computers at home. (02 marks)

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5. In relation to a computer's keyboard, mention one practical use of the following keys:

(a). Backspace. (01 mark)

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(b). Num lock. (01 mark)

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(c). Functional keys. (01 mark)

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(d). Caps Lock. (01 mark)

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(e). Space bar. (01 mark)

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6. (a). Mention two features of a good computer. (02 marks)

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(b). The Headmaster of your school is to buy computers for the laboratory. Mention three specifications that He must consider before buying. (03 marks)

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7. Define the term information processing cycle (01 mark)

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(b). Briefly, describe the major activity carried out during the following stages of information processing.

(i). input (01 mark)

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(ii). processing (01 mark)

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(iii). Storage. (01 mark)

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(iv). output (01 mark)

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8. Use the following words to fill in the table below. (05 marks)

Light Emitting Diode, LCD, Speakers, Relay Switches and Motors, Printers

(a). A indicates that a device is available, ready, e.t.c.

(b). A produced analogue impulses from speeches, music, e.t.c.

(c). can be used to produce a hard copy.

(d). are used in garages to accurately spray car body shells.

(e). provide a display using a wide viewing angle.

9. (a). Give the difference between a file and a folder. (02 marks)

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(b). state the steps followed in creating a file on a computer desktop (03 marks)

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10. (a). Give two reasons for servicing computers regularly. (02 marks)

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(b). List three components you can use to service a computer. (03 marks)

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11. Define the following terms as applied to computer servicing and maintenance (05 marks)

Software upgrading

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Computer servicing

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Computer maintenance

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Computer repair

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System fine-tuning

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12. In the table below, write True or False against each question following. (05 marks)

Item	True / False
(a). A mouse can be used to navigate computer icons in a GUI	
(b). A shareware is a free copyrighted software.	
(c). A computer can be programmed to take up human roles.	
(d). A CPU can be used to keep a hard disk safe.	
(e). Constant use of laptops by boys may lead to impotence.	

13. (a) What is a utility program? (01 mark)

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(b) State the function for each of the following utility programs

(i) Disk defragmenter(s) (01 mark)

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(ii) File compression utility (01 mark)

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(iii) Antivirus utility (01 mark)

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(iv). Uninstaller utility (01 mark)

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14. Match the following file extension: **.ai, .midi, .ram, .jpeg .swf, .mp3, .tiff, .bmp**, with respective correct description. (05 marks)

File Extension	Description
	Used mainly for real-time streaming of audio and video it requires RealPlayer (Windows and Mac) software.
	Digital music, pod casts and audio books files
	File extension that represent single-page vector-based drawings created using Adobe Illustrator.
	It is a standard Windows image format that is created using Microsoft's Paint or Paintbrush programs.
	Digital cameras often save images in the file format.

END

Good luck