

<b>NAME:</b>		<b>INDEX No:</b>	
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S850/1  
Subsidiary ICT  
Paper 1  
August 2023  
2 ½ hours



**UNNASE MOCK EXAMINATIONS**  
**Uganda Advanced Certificate of Education**  
**S850/1 Subsidiary ICT**  
*Theory Paper*  
2 Hours 30 Minutes

**INSTRUCTIONS TO CANDIDATES:**

- *This paper is made up of 20 **compulsory** and equally weighted questions*
- *Write all your responses in dark blue or black ink in the **spaces provided**.*
- *No additional material will be provided to the candidate. .*

FOR OFFICIAL USE ONLY			
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1. Cloud computing has become a common ICT phenomenon in our day-to-day lives.  
 (a)Mention any two cloud computing platforms that you know. **[02]**

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- (b)Why would an organization opt to use cloud computing in its operations? **[03]**

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2. A small office has four standalone computers. The office manager wants to connect the computers together to form a LAN.

- a) Mention any two devices that need to be present to make this possible. **[02]**

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- b) Give three reasons why a WLAN would be preferable to a cabled LAN. **[03]**

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3. a) Define the term system security. **[02]**

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- b) Mention any three threats to data that is accessed over a network. **[03]**

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4. When writing an email, you have the option to include contacts either from your address book or by manually entering their information.

a) Outline two advantages of opting to add a contact rather than manually inputting their email address. **[02]**

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b) Mention any three causes of a soft bounce as used in emails. **[03]**

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5. a) Define the term multimedia as used in computer applications. **[02]**

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b) List any three examples of multimedia that you know. **[03]**

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6. a) Mention any two tools that can be used in the computer laboratory to regulate power. **[02]**

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b) Write any three measures that can be taken to prevent repetitive strain injuries while using computers in the laboratory. **[03]**

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7. State **T** (True) or **F** (False) to match the following statements regarding computer hardware devices. **[05]**

	<b>Description/Narrative</b>	<b>T/F</b>
(a).	A compact disc read only is an example of solid – state devices commonly used in the computer laboratory.	
(b).	The arithmetic and logic unit in the central processing unit stores and co-ordinates data conversion into information.	
(c).	Light emitting diodes (LED) indicates status of a device to a user during data processing.	
(d).	In a supermarket, a barcode reader is used in the process of itemizing products at a point of sale.	
(e).	In data communication, a switch is connected to allow cleaning and boosting signals to have a long distance transmission.	

8. a) State any **two** major desktop icons on a typical windows graphical user interface (GUI). **[02]**

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- b) Mention any three elements of a Graphical User Interface. **[03]**

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9. a) Differentiate between writing and reading as used in computer storage. **[02]**

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- b) List any three solid-state medium that you know. **[03]**

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10. a) Distinguish between **job displacement** and **job replacement**. **[02]**

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- b) Mention any **three** jobs that have been created as a result of ICT. **[03]**

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11. a) Define the term computer **port** in relation to peripheral devices. **[02]**

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b) State **three computer ports** you would use to connect a projector to a computer. **[03]**

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12. Ugandans have embraced the use of e-commerce lately for the acquisition of several essential commodities.

a) Mention any three benefits of e-commerce to your population. **[03]**

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b) List **two** ICT innovations that have improved banking in Uganda. **[02]**

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13. a) Give **two** advantages of using a query while using a database program. **[02]**

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b) Identity **three** facilities in a word processor that can be used for document referencing. **[03]**

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14. State by ticking, whether the following statement is True or False. **[05]**

<b>Statement</b>	<b>True</b>	<b>False</b>
The content of Read-only files is usually masked or concealed		
Hidden files cannot be “ordinarily” changed, modified or deleted.		
System Files <u>are</u> part of the Operating System or device driver files.		
Web browsing, E-mail, and MS word files are examples of Application files		
All Zipped files are Archived files		

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15. a) Define the term software. [01]  
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- b) Differentiate between a bug and patch as used in relation to software. [02]  
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- c) Ezekiel purchased an anti-virus software packaged in a CD cover and it had some contents coming along with the software. Suggest any two items that can be found in that package. [02]  
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16. a) Distinguish between **plug-and-play** and **hotspot** as used in connecting computer peripherals. [01]  
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- b) List two plug-and-play (PnP) devices that you know. [02]  
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- c) List any two devices that connect through Bluetooth. [02]  
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17. Several desktop publication softwares have sprung up on the market and are being used by several designers.
- a) Mention any one desktop publication software you know. [01]  
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- b) Mention any two documents that can be prepared using that software. [02]  
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- c) Mention any two tips for designing any of the above documents. [02]  
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18. a) List any two software tools used during computer servicing. [02]

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b) Mention the use of each of the following ICT tools. [03]

Device	Use of the device
	
	
	

19. Maurice experienced a sudden blue screen of death while using his computer. He was trying to identify the cause of the problem in order to troubleshoot it.

a) List any two possible causes of such a scenario. [02]

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b) Mention any three causes of computer hardware malfunctioning. [03]

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20. Utility programs enhance computer performance and simplify the usage of computers.

a) Mention any two-compression utility software that you know. **[02]**

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b) Identify any two benefits of using file compression software. **[02]**

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c) Mention any one system-based utility software. **[01]**

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\*\*\***End**\*\*\*