

NAME.....STREAM.....

BETHANY HIGH SCHOOL NAALYA

S.6 PRE-REGISTRATION EXAM.

S850/1

ICT

2 1/2 hours

INSTRUCTIONS:

Attempt all questions in this paper.

1)The table below shows some examples of **ICT devices**, the profession/occupation line where they apply and how they are used in the stated profession. Fill in the missing information (5 marks)

	ICT device	Profession/line of occupation	Application of ICT in that profession/occupation line
a)	Metal detectors		Used to detect those in possession of harmful weapons at entrances of all public places
b)		Medicine /healthy	
c)	ATM machine	Banking industry	
d)		E-commerce	Allows buying and selling of products among sellers and consumers

2a)Explain two reasons why your teacher prefers students to store class work on a compact disk rather than internal hard disk (02 marks)

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b)A student X has been authorized to copy 2GB video game. How many 1024 flash disks will he need to accommodate the game? (03 marks)

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3)Study the following structure and answer A to E

C:\users\admin\project works\community progs\BusiaX\safewater.pdf.

- a) How would you refer the underlined phrase above? (1 mark)
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- b) List the subfolder where the file in the underlined phrase is saved.
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- c) Which is the root directory? (1 mark)
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- d) Study the phrase above and suggest the file type. (1 mark)
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- e) Which account name can one log onto to access the file in the underlined phrase above. (1 mark)
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4a) A secretary has commanded a printer to print. Then she realizes that the printer is not responding. Suggest three reasons that could have caused the problem. (03 marks)

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b) Explain the following modes of printing in power point presentation.(1 mark @)

- i) Handouts.....
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- ii) Slide.....
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5a) Recommend at least one measure the school administration can employ in order to:-

- i) Protect the computer from electrical damages (1 mark)
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- ii) Loss or damage of data files (1 mark)
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- iii) Provide a favorable temperature to the computer user and hard ware (1 mark)
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b) Suggest how the computer laboratory attendant can:-

- i) Improve the speed and general performance of the computer. (1 mark)
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ii) Reduce risks of threats like spyware. (1 mark)

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6) Tick **TRUE** or **FALSE** next to each of these statements. (5 marks)

	TRUE	FALSE
File extension for power point program is .doc		
DTP software can be used to create a magazine		
A working knowledge of HTML is helpful when creating WebPages		
WORM is characterized by its self – propagating behavior		
A graphical user interface uses icons to represent applications		

7a) Differentiate between an Intranet and Extranet. (2 marks)

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b) Outline three benefits of networking a set of computers for an organization. (3 marks)

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8a) Riham company uses **Bespoke applications** while Nile breweries company uses **off- shelf applications**. Write down any three advantages Riham has over Nile breweries. (03 marks)

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b) Differentiate between shareware and open- source software. (2 marks)

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9a) Define the term computer storage. (2 marks)

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b) Consider the phrase: STORAGE.

i) How many bytes are in the above phrase? (1 mark)

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ii) Find the number of bits in the phrase? (1 mark)

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Write the file extension for MS excel . (1 mark)

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10a) State the following ICT networking terms.

Brandwidth.(1mark).....
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Clientcomputer(1mark).....
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Webserver.(1mark).....
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b) State any two factors that one should follow when selecting a network model. (2 marks)

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11a) Write the initial procedure of booting a computer system.(03 marks)

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b)Under what circumstances may one be required to perform a warm booting? (02 marks)

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12a) Nishar prefers traveling with her tablet than a tablet computer than a laptop. Give two feature that make tablets PCs suitable for traveling. (02 marks)

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b)Suggest any other peripheral that she might use on her tablet computer while traveling. (01 mark)

c)i)Cyrus finds it difficult to use a phone. State one feature that can make phones easier to use.

(01 mark)

ii) List down one method of a wireless connection of a smart phone to a laptop. (01 mark)

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13a) A part from an E- mail service, mention two other services that are available on internet. (02 marks)

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b) Outline two advantages to a business of using email to send messages to other businesses rather than using fax machines. (02 marks)

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c) Identify any one internet service provider in Uganda. (01 mark)

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14a)Apart from the monitor, suggest other two output hardware devices a student presenting club talk would need to enhance his talk to a big audience of students. (02 marks)

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b) International companies may use video conferencing instead of face to face meeting. Mention any three hardware devices in video conferencing. (03 marks)

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15a) State two roles of operating system concerning management of software. (02 marks)

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b) Apart from entertainment, state three other uses of a screen saver. (03 marks)

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16) Write in full the meaning of the following computer keyboard shortcuts in Ms Word;(5mks)

- i. Ctrl + A.....
- ii. Ctrl +D.....
- iii. Shift + F3.....
- iv. Ctrl + C.....
- v. Ctrl+Alt+Del.....

17a) Describe a footnote in a word processing document. (01mark)

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(b) Name two types of page orientations. (02mks)

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(c) State what is meant by the term cut and paste while working on the computer. (02mks)

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18a)Describe the following terms

i)Repeaters. . (02mks)

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ii) Switch. (01mark)

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(b) State any two types of data transmission media. (02mks)

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19) (i) Explain the term application soft ware (01mark)

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(ii) Give two examples of application software. (02mks)

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(iii) Outline two factors to consider before buying application software. . (02mks)

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20a) State one situation where you can use a soft copy. (01 mark)

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b) Give two advantages of using a softcopy over hard copy. (02 marks)

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c) List down two examples of impact printers.(02 marks)

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END