

Student's Name:

Signature: Personal number

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S850/1

**Subsidiary Information &
Communication Technology**

Paper 1

July 2018

2½ Hours



JINJA SENIOR SECONDARY SCHOOL

Uganda Advanced Certificate of Education

PRE – MOCK EXAMINATIONS 2018

SUBSIDIARY ICT

Paper 1

2hours 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.

<i>For Examiners' Use Only</i>																				
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*** questions in this paper.

1. (a). Mention any ***three*** parts of a computer system. (03 marks)

.....
.....

- (b). Outline the importance of any ***two*** of the parts given in **Qn.1(a).** above. (02 marks)

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.....
.....

2. Explain each one of the following terms as used in database management systems.

- (a). Database. (01 mark)

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- (b). Primary key. (01 mark)

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- (c). Field name. (01 mark)

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- (d). Field properties. (01 mark)

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- (e). Data type. (01 mark)

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3. (a) Define a *computer network*. (01 mark)
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-
- (b) Outline any *two* dangers one may face as a result of connecting his/her computer on a network. (02 marks)
- (i)
-
- (ii)
-
- (c) Suggest any *two* measures of combating the dangers mentioned in **Qn. 3(a)**, above. (02 marks)
- (i)
-
- (ii)
-
4. Mention the *advantages* and *disadvantages* of using phones by students while at school.
- Advantages** (02 marks)
- (i)
-
- (ii)
-
- Disadvantages** (03 marks)
- (i)
-
- (ii)
-
- (iii)
-

5. As a student of ICT, explain the measures you would take to ensure safety of the equipment in the computer laboratory in your school. (05 marks)

- (i)
- (ii)
- (iii)
- (iv)
- (v)

6. (a) Explain the term *file extension*. (02 marks)

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- (b) Suggest the file extension for each of the following types of files.

(i) Spreadsheet file: (01 mark)

(ii) Presentation file: (01 mark)

(iii) Music file: (01 mark)

7. (a) (i) What is a transmission channel? (01 mark)

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.....

- (ii) Outline *two* examples of transmission channels. (02 marks)

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- (b) Identify any *two* services offered by data communication tools. (02 marks)

(i)

(ii)

8. Indicate **True** or **False** against each statement in the table below.

	STATEMENT	TRUE/FALSE
(a)	When a computer sleeps, it turns off power completely and programs running remain open.	
(b)	While in slide outline view, one can promote/demote textual content of the slide outline.	
(c)	A joystick is text input hardware device.	
(d)	Viruses can block internet connectivity on any computer on the school network	
(e)	While in slide show, a presenter can delete, remove and add new slides and text.	

9. (a) What is meant by the term *computer hardware*. (01 mark)

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- (b) Outline any *two* categories of computer hardware and one example for each category. (04 marks)

Category:

Example:

Category:

Example:

10. (a) Explain the term software license. (02 marks)

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- (b) Mention any **three** dangers of using pirated software. (03 marks)

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11. (a) Identify ***one*** example of a storage device which can access its data randomly. (01 mark)
-
- (b) Printers are categorized into impact printers and Non – impact printers. Mention any ***two*** examples in each category. (04 marks)
- | CATEGORY | EXAMPLES |
|-----------------------------|----------|
| (i). Impact Printer. | a) |
| | b) |
| (ii). Non – Impact Printer. | a) |
| | b) |
12. (a) Distinguish between ***System software*** and ***application software***. (02 marks)
-
-
- (b) List any ***three*** examples of utility programs. (03 marks)
- (i)
- (ii)
- (iii)
13. (a) Give the function of the following
- (i). ***Clipboard*** (01 mark)
-
-
- (ii). ***Recycle Bin***. (01 mark)
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-
- (b) Write down the procedure for renaming an existing file on the computer. (03 marks)
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-
-

14. Give **one** importance of each of the following applications.

(a) Web browser. (01 mark)

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(b) Spreadsheet software. (01 mark)

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(c) Presentation software. (01 mark)

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(d) Desktop publication software. (01 mark)

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(e) Word processing software. (01 mark)

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15. Write the following acronyms in full. (05 marks)

(a). CCTV:

(b). LAN:

(c). AI:

(d). DVD:

(e). ROM:

16. (a) Identify any **two** services that use electronic payment (E-payment) methods. (02 marks)

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- (b) State any **three** benefits of using E-payment methods than ordinary traditional methods. (03 marks)

(i)

(ii)

(iii)

17. The table below consists of hardware components of a computer. Indicate whether output, input or storage. (05 marks)

	HARDWARE DEVICE	OUTPUT/INPUT/STORAGE
(a)	Remote control	
(b)	Sim card	
(c)	SD card	
(d)	Digital Camera	
(e)	Headsets	

18. (a) What is a **search Engine**. (01 mark)

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- (b) Mention any **two** examples of search engines on the internet. (02 marks)

.....

- (c) List **two** requirements for accessing internet. (02 marks)

.....

19. (a) Describe the following terms as used in Desktop Publishing (DTP) Software.
- (i) Template. (01 mark)
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-
- (ii) Frame. (01 mark)
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-
- (b) Mention any *two* examples of desktop publishing Applications you know. (02 marks)
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-
- (c) Identify any *one* desktop publishing features that can be used to enhance high quality publication document. (01 mark)
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20. (a) Distinguish between a *Hyperlink* and a *Homepage* as used in world wide web. (02 marks)
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-
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- (b) Mention any *three* Netiquette guidelines for internet users. (03 marks)
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END

Proverbs 12:11 He that tills his land shall be satisfied with bread: but he that follows vain persons is void of understanding.