

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)

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.....

(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)

.....
.....

(e). Data type. (01 mark)

.....
.....

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)

.....

.....

(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)

- (b) Write down the procedure for renaming an existing file on the computer. (03 marks)

14. Give **one** importance of each of the following applications. (01 mark)
- (a) Web browser. (01 mark)

- (b) Spreadsheet software. (01 mark)

- (c) Presentation software. (01 mark)

- (d) Desktop publication software. (01 mark)

- (e) Word processing software. (01 mark)

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)

(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)

.....

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19. (a) Describe the following terms as used in Desktop Publishing (DTP) Software.
- (i) Template. (01 mark)
-
-
- (ii) Frame. (01 mark)
-
-
- (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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- (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.