

NAME

RANDOM/PERSONAL No. / SIGNATURE



S850/1

SUBSIDIARY INFORMATION AND COMMUNICATION TECHNOLOGY

Paper 1

THURSDAY, 23rd August 2018 (Afternoon)

2 hour 30 minutes

ACHOLI SECONDARY SCHOOLS EXAMINATIONS COMMITTEE

Uganda Advanced Certificate of Education

Joint Mock Examinations, 2018

SUBSIDIARY INFORMATION AND COMMUNICATION TECHNOLOGY

Paper 1

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

- ✓ *Attempt ALL questions in this paper.*
- ✓ *The maximum time allocated to this paper is 2 hours and 30 minutes.*
- ✓ *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.*
- ✓ *All answers should be written in the spaces provided. No additional material will be provided to the candidate.*
- ✓ *Untidy work will lead to automatic loss of marks.*

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total

1. (a). State the difference between Random Access Memory (RAM) and Secondary Storage. (02 marks)

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- (b). Give three examples of secondary storage. (03 marks)

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2. A business person wants to use Information and Communication Technology to improve the business. Describe five ways how it can help him. (05 marks)

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3. Describe one reason why a Computer Laboratory should have the following equipment:

- (a). Uninterrupted Power Supply (UPS) (01 mark)

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(b). Air Conditioner (01 mark)

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(c). Anti-glare filter screen. (01 mark)

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(d) Woollen Carpet (01 mark)

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(e) CCTV Cameras (01 mark)

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4. (a). Describe procedures for saving a file on a desktop location. (03 marks)

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(b). Mary is a new computer user. As an ICT student, advice Mary on which tool to use;

(i) to trace a file she cannot locate. (01 mark)

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- (ii) to trace a word from an open document. (01mark)

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5. (a). What is hardware? (01 mark)

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- (b). State four activities that can be performed on a computer when using a mouse piece. (04 marks)

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6. (a) Identify any two areas where ICT can be used. (02 marks)

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- (b) Suggest the most appropriate internet communication in the following:

- (i) Instant and real communication between friends. (01 mark)

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- (ii) Online meeting between students in Northern region and students in Central region. (01 mark)

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- (iii) Original typed views on an on-going online discussion amongst the specific group of people. (01 mark)
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7. (a). Describe a networking computer laboratory. (02 marks)
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- (b). Identify any three devices that are required when setting up a network within a school environment. (03 marks)
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8. State five advantages of networking computer laboratory. (05 marks)
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9. (a). With an example, describe application software. (02 marks)

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(b). State three categories of system software. (03 marks)

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10. (a) Persons that have physical challenges can still use computer. Suggest one way how:

(i) persons without hands can use computer. (01 mark)

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(ii) impaired vision can use computer (01 mark)

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(b) State three health issues that computer user may experience after prolonged use. (03 marks)

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11.(a) Facebook and What's App are some examples of social networking sites. Describe two ways how useful are these sites to youth today. (02 marks)

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- (b). Suggest three problems associated with social networking sites to our youths today. (03 marks)
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12. State any five field types that Microsoft Access can support. (05 marks)

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13. (a). Give three basic modes of data transmission. (03 marks)

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(b). Describe two types of network connection in communication. (02 marks)

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14. What do you understand by the following terms?

(a). Router (01 mark)

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(b). Ethernet (01 mark)

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(c). Hubs (01 mark)

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(d). Switches (01 mark)

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(e). Star wired ring network (01 mark)

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15. (a). Distinguish between SMTP and POP as protocol used in e-mail transfer.
(02 marks)

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(b). State three examples of search engines. (03 marks)

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16.State five descriptive initials that have normal designation used in web address. (05 marks)

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17.Fill in the table below:

File Extension	Common application with the example
•xls	
•txt	
•ppt	
•doc	
•db	

18. Explain five advantages of using e-mail over ordinary mail. (05 marks)

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19.(a). State one difference between flash disk and memory card. (02 marks)

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(b). Explain briefly the importance of preferring the following storage devices.

(i) Compact disk (01 mark)

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(ii) Digital versatile disk (01 mark)

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(iii) Online storage (01 mark)

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20. (a) Identify two characteristics of a good programming language. (02 marks)

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(b) Describe how the programmer can use the following:

(i) Debugger (01 mark)

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(ii) Compiler (01 mark)

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(iii) Assembler (01 mark)

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THE END