Random No.					Personal No.		

Candidate's name……...

Signature …….

(Do not write your school/Center Name or Number anywhere on this booklet)

S850/1
Subsidiary Information and Communication Technology
Paper 1
Nov./Dec.2018
2*12* hours



UGANDA NATIONAL EXAMINATIONS BOARD

Uganda Advanced Certificate of Education

SUBSIDIARY ICT

Paper 1

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

*Answer **all** questions in this paper*

*This paper is made up of **twenty** equally weighted questions*

All answers should be written in blue or black ink in the spaces provided in the question paper

For Examiners ' Use Only																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
			© 2018 Uganda National Examinations Board													**Turn Over**			

Answer **all** *questions in this paper.*

(i) (a) List **three** major specifications one would consider when buying a laptop computer.

(03 marks)……..

(ii) ……..

(iii) …….

(b) Illustrate the information processing cycle. *(02 marks)*

1. (a) Distinguish between cold booting and warm booting. *(02 marks)*

……

……

……

……

(b) Give **three** circumstances under which a computer can be warm booted.

(03 marks)

(i) ……

……

….

(ii) ……

……

….

(iii) ……

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2. (a) What is Information and Communication Technology (ICT)? *(02 marks)*

……

……

……

(b) Outline any **three** measures that can be taken to prevent environmental degradation through the use of ICT. *(03 marks)*

(i) ……

(ii)……

(iii)……..

3. (a) Give **two** reasons why file management is important in a computer system. *(02 marks)*

(i) ……

……

…...

(ii) ……

……

….

(b) List **three** operations which can be performed on a file. *(03 marks)*

(i) …….

(ii) …….

(iii) …….

4. (a) Explain the term **troubleshooting** as used in computers. *(02 marks)*

……

……

……

(b) State **three** ways in which one can troubleshoot a computer that has failed to start. *(03 marks)*

(i) ……

……

….

(ii) ……

……

….

(iii) ……

……

…...

5. (a) Define an input device. *(01 mark)*

……

……

(b) Name **two** basic input devices associated with common desktop computers. *(02 marks)*

(i)……..

(ii)…….

(c) Identify an input device for each of the following data. *(02 marks)*

(i) Sound……...

(ii) Images……

6. Outline any **three** functions of an operating system. *(03 marks)*

(i) ……

……..

(ii) ……

……...

(iii) ……

……..

(b) Name any **two** operating system softwares. *(02 marks)*

(i) …….

(ii) …….

7. Ali has a DVD full of data and would like to transfer the data to CDs. The capacity of the DVD is 4.7 GB and each CD is 700MB. Calculate the number of CDs he would need to transfer all his data. *(05 marks)*

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……

……

8. (a) Define the term **Tailor-made software**. *(01 mark)*

……

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……

(b) Outline any **four** qualities of good application software. *(04 marks)*

(i) ……

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(ii) ……

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(iii) ……

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(iv) ……

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…..

9. (a) Write the following computer abbreviations in full. *(02 marks)*

(i) CPU…….

(ii) ALU……

(b) State the role of each of the following CPU components. *(03 marks)*

(i) Bus……..

……..

(ii) Control Unit……..

……..

(iii) Registers……

……

10. (a) Distinguish between utilities and application software. *(02 marks)*

……

……

……

……

(b) Give **three** examples of utility programs. *(03 marks)*

(i) ……

(ii)……

(iii)……..

11. Explain the following as applied to Internet:

(a) Hotspot. *(02 marks)*

……

……

……

(b) Internet Service Provider. *(01 mark)*

……

……

(c) Search Engine. *(02 marks)*

……

……

…….

12. Give **five** symptoms of a computer infected by a virus. *(05 marks)*

(i) ……

……

…..

(ii) ……

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(iii) ……

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(iv) ……

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(v) ……

……

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13. (a) Give **two** reasons to justify ownership of institutional websites. *(02 marks)*

(i) ……

……

….

(ii) ……

……

…..

(b) (i) What is a web browser. *(01 mark)*

……

…….

(ii) Under what circumstances can someone use a Uniform Resource Locator (URL) in a web browser? *(02 marks)*

……

……

…….

14. Give any five advantages of using automation in an industry. *(05 marks)*

(i) ……

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(ii) ……

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(iii) ……

……

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(iv) ……

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(v) ……

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15. (a) Define data communication. *(01 mark)*

……

……

……

(b) State any **four** requirements for setting up a computer network. *(04 marks)*

(i)……

(ii)……

(iii)……

(iv)…….

Formula bar	Worksheet
Active cell	Workbook
Cell	Column

16. For questions (a)-(e), fill in the missing words from the list below:*(05 marks)*

(a) The……...is the intersection of a column and a row.

(b) The content of a current cell is also displayed in the……

(c) The ……is one with a thicker boundary and is the insertion point in a spreadsheet.

(d) The cell address of the current is displayed in the…….

(e) A spreadsheet file is referred to as……..

17. (a) Give **three** disadvantages of electronic communication. *(03 marks)*

(i) ……

……

….

(ii) ……

……

….

(iii) ……

……

…..

(b) Name any **two** manual communication methods. *(02 marks)*

(i) ……

(ii)……

18. (a) Give **two** situations under which electronic presentations would be used. *(02 marks)*

(i)……

……...

(ii)……

……...

(b) State three advantages of using electronic presentations over the traditional chalk and talk. *(03 marks)*

(i)……

……

(ii)……

……

(iii)……

……

19. (a) Differentiate between intranet and extranet. *(02 marks)*

……

……

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……

(b) Define a Local Area Network (LAN). *(02marks)*

……

……

……

(c) Suggest an area network which is restricted to connecting users in a city. *(01 mark)*

……

END