

Name.....

Signature.....Combination:.....

S850/1

**Subsidiary Information and
Communication Technology (ICT)**

Monday 21st August, 2023

2 $\frac{1}{2}$ hours



TESO INTEGRATED SECONDARY SCHOOL EXAMINATION BOARD (TISSEB)

Uganda Advanced Certificate of Education

S5 END OFTERM TWO 2023

Subsidiary ICT

Paper one

2 Hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

- Answer all questions in this paper
- All answers should be written in dark blue or black ink in the spaces provided on the question paper.

1. a) Define the term computer.

(1marks)

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.....

b) Explain any four (4) characteristics of modern computers

(4marks)

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.....
.....
.....

2.(a) Give the difference between softcopy and hardcopy.

(2marks)

.....
.....

(b) Give three advantages of using softcopies over hardcopies.

(3marks)

(i).....
(ii).....
(iii).....

3. Natural disasters can cause loss of data and important programs. As an ICT literate person; State three measures that can be taken to ensure that data and programs are not completely lost in cases of disaster.

(3marks)

(i).....
(ii).....
(iii).....

(b) State two forms of disasters that can befall computer systems and installations. (2marks)

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4.A problem with some computers in the computer lab was reported to a lab technician. Two of the technician's recommendations were for the school to install gadgets to regulate temperatures, and also buying a woolen carpet for the computer laboratory.

(a)(i) What gadget was recommended to regulate temperatures?.....(1mark)

(ii) Apart from regulating temperatures, give two reasons to explain why the gadget suggested in 4(a)(i) above is required in a computer room (2marks)

b) State two benefits of a woolen carpet in a computer lab. (2marks)

5.a) Briefly define the following terms as used in networks and internet based communications

(i) Internet.....

(ii) Intranet.....

(iii) Extranet.....

.....(3marks)

(b) State two examples of web browsers (2marks)

6. a) What is computer literacy? (2marks)

b) Servicing computers is an activity which should be done regularly. Give three reasons why computers should be regularly serviced (3 marks)

7. (a) Define computer netiquette (2marks)

(b) Suggest some three internet netiquette (3marks)

8.(a) Okolimong wants to transfer a file from **one** computer to another. Suggest any **two** devices he could use. (2marks)

b) Mention any three qualities of a good printer (3 marks)

(i).....

(ii).....

(iii).....

9. . (a) What is word processing? (2marks)

(b) Give atleast three advantages of an electronic word processor over the manual mode. (3marks)

(i).....

- (ii).....
- (iii).....
10. (a) What is meant by a machine cycle? (1mark)
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-
- (b) Briefly describe the four operations of the machine cycle (4marks)
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11. Name and describe the functions of any five computer hardware devices (5marks)
- i).....
- ii)
- iii)
- iv)
- v)
- 12.(a) Given the email address; **paulwamboko@gmail.com** (3marks)
- Identify the following
- (i) Domain name.....
- (ii) User name.....
- (iii) Domain type.....
- (b) Mention two advantages of using emails in business. (2marks)
- (i).....
- (ii).....
13. (a) Explain the term green computing as applied in ICTs (1mark)
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- (b) Briefly explain two ways in which ICT related equipment may cause environmental degradation.
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-(4marks)
14. a)Distinguish between warm and cold booting. (2marks)
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- b) Why would one perform a warm boot?(Give three reasons) (3marks)
- (i).....
- (ii).....
- (iii).....
15. (a) What is an icon in a desktop environment? (1mark)
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- b) State the four common icons on a normal computer desktop (4marks)
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16. a) Define electronic spreadsheet. (2marks)

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.....

b) Mention any three advantages of electronic spreadsheets (3marks)

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17. (a) What is a CPU?. (2marks)

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(b) Briefly state the functions of each of the following components of the computer central processing unit. (3marks)

(i) Control Unit.....

.....
(ii) The arithmetic/logic unit (ALU)

.....
(iii) Registers

.....

18. Today internet is becoming almost part of man's life. State any five positive effects of internet to the society (5marks)

(i).....

(ii).....

(iii).....

(iv).....

(v).....

19. (a) Ongodia has been running a business in electronics; however he has always had a problem in balancing his books, reaching out to customers and so many other problems because he does his business manually. As a student of ICT, educate him on the importance of using various ICT tools in his Business (3marks)

(i).....

(ii).....

(iii).....

(b) How has ICT benefited the health sector? (2marks)

(i).....

(ii).....

20.a) Define an Operating system. (2marks)

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(b) Mention any three functions of operating systems (3mark)

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“There is no abiding success without commitment”

END

HAPPY HOLIDAYS

Mr. Wamboko Paul