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840/1

**COMPUTER STUDIES**

PAPER 1

**SEPT/OCT 2023**

**2 HOURS 30 MINUTES**



## BIVULU LEARNER'S PLATFORM

UGANDA CERTIFICATE of EDUCATION

COMPUTER STUDIES

PAPER 1

2 HOURS 30 MINUTES

### INSTRUCTIONS TO CANDIDATES:

*Write your name, signature, school and index number in the spaces above.*

*This paper consists of three sections **A**, **B**, and **C**.*

*Section **A** contains **20** compulsory objective-type questions. The correct alternative **A**, **B**, **C** or **D** against each question must be written in the box provided on the right hand side of each question.*

*Section **B** contains six structured questions. Attempt any four questions.*

*Answer to section **B** answers **must** be written in the space provided in the question paper.*

*Section **C** contains **three** essay questions. Answers to section **C** **must** be written in the answer booklets provided.*

*Send your work on email: [Bivulubookings@gmail.com](mailto:Bivulubookings@gmail.com) for marking.*

**SECTION A (20 MARKS)**

***Attempt all questions in this section***

1. In spread sheets, formulas and functions are used to .....data.  
A. Format  
B. Design  
C. Edit  
D. Manipulate ☐
2. Select one tool that controls the size, margins and orientation when working on a word document.  
A. Page setup  
B. Print preview  
C. Format  
D. Insert ☐
3. Values such as ..... are examples of logical data types.  
A. True and false  
B. Months and years  
C. Objective or graphics  
D. Binary or numbers ☐
4. Which of the following is an extension for an image filename?  
A. Doc  
B. Exe  
C. JPEG  
D. XLS ☐
5. The graphics interface usually moves and points the cursor with the:  
A. Function  
B. Toggle key  
C. Mouse  
D. Num Lock key ☐
6. A spread sheet that already include the labels and formula is called the .....  
A. Template  
B. Macro  
C. Graphic  
D. Worksheet ☐
7. The following are field properties of a table in Microsoft Access except?  
A. Field size  
B. Caption ☐

- C. Text  
D. Input mask
8. .... is term widely used to describe commercial transactions on the worldwide web.
- A. WWW-COMMERCE  
B. Net commerce  
C. Wire commerce  
D. Electronic commerce
9. The following type of device is usually non-removable
- A. Floppy disk  
B. CD –ROM disk  
C. Hard disk  
D. DVD- ROM disk
10. Which of the following is not used in a formula in spread sheets?
- A. Text data  
B. Graphical data  
C. Logical expression  
D. Numerical data
11. Which of the following devices may help you continue using your computer when electricity is cut off?
- A. Power regulator  
B. Control unit  
C. Uninterruptible power supply
12. .... is a software that stores large amounts of records for long time.
- A. UNIX  
B. MS – Excel  
C. Front page  
D. MS – Access
13. The title master command is a feature in ..... program.
- A. Presentation  
B. Spread sheet  
C. Database  
D. Word processing
14. A web page has unique address called .....
- A. Uniform Resource Locator  
B. Hypertext Transfer Protocol  
C. Virtual Reality Modelling  
D. Transmission Control Protocol

15. Choose the software program used during meetings to enhance speakers ideas.

- A. Word processing
- B. Ms Excel
- C. Presentation
- D. Desktop publisher

☐

16. The word processing tool that offers similar words or alternatives is called a .....

- A. Word checker
- B. Thesauras
- C. Word scanner
- D. Spell checker

☐

17. .... software uses hyperlink as one of its tools for developing a web page.

- A. Web browser
- B. Web publisher
- C. Presentation
- D. Communication

☐

18. .... is not an example of an input device?

- A. OCR
- B. MICR
- C. OMR
- D. LCD

☐

19. Computers are electronic devices that accept instructions, process input and produce.

- A. Information
- B. Pre written programs
- C. Data
- D. End users

☐

20. RAM is .....

- A. Permanent memory
- B. Read Only Memory
- C. Programmable memory
- D. Working memory

☐

**SECTION B (60 MARKS)**  
***Attempt all questions in this section***

21. a) i) What is a computer communication?

.....

.....

ii) State any two advantages of using EMAIL.

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.....

b) Explain the functions of the following:

i) Web server

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.....

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ii) FTP

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iii) HTTP

.....

.....

22. a) List four advantages of a hard disk over a compact disk (CD).

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.....

b) Describe the following:

i) Flash Memory

.....

.....

ii) Optical Character Recognition

.....

.....

iii) Laser jet Printer

.....

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23. a) Explain the spread sheets as used in computer studies.

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b) Name three types of data that can be placed in a spread sheet cell

.....

.....

.....

c) What is the use of formula in a spread sheet?

.....

.....

d) Describe with illustration, how a shop keeper can use spread sheets to keep records of her/ his business.

24. a) "The storage capacity of my computer is 25GB". Explain the statement.

.....

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b) Mention two advantages of hard disk over flash disk.

.....

.....

c) Why are computer games and other programs commonly supplied on CD – ROMS?  
(Give two reasons.)

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.....  
25 a) i) What is word processing?

.....  
.....  
.....  
ii) Mention three examples of word processing software

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.....  
.....  
b) Describe three ways in personal data stored on the computer can be misused.

.....  
.....  
.....  
c) State two ways of preventing misuses of personnel data stored on a computer.

.....  
26. Give one function of each of the following keys (buttons) on the computer keyboard

i) Backspace key

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.....  
ii) Caps lock key

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.....  
iii) Delete key

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.....  
iv) Space bar

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v) Shift bar

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### **SECTION C**

*Choose one number from this section*

27. a) Discuss six security threats which affect computer users in your country. (12marks)  
b) Show four different ways how computer security threats can be controlled.  
(08marks)
28. Describe any five devices used for the storage of data on a computer. (20marks)
29. Identify the health hazards that are associated with the use of computers. (20marks)

**END**