

MID TERM III EXAMINATIONS 2019
S.1 COMPUTER STUDIES
Duration: 1 Hour 30MINS

NAME Stream

INSTRUCTIONS

This paper has sections A and B

Section A has 20 compulsory objective type questions and you are required to put a ring around the correct alternative.

Section B has three compulsory structured questions and answers to this section should be filled in the spaces provided.

Neat handwriting is a MUST.

SECTION A (20 MARKS)

1. A collection of un processed items is referred to as
A. data C. information
B. biometric devices D. soft copy
2. The hardware components that give out information to one or more people are called
A. hardware devices C. hard copy
B. input devices D. output devices
3. A microphone with a computer is used for
A. voice input C. voice recognition
B. voice output D. output device
4. The blinking symbol on the computer screen is called
A. mouse C. keyboard
B. cursor D. pointer
5. Using a pointing device to move an on screen item from one location to another on the screen is known as
A. dragging C. pointing
B. clicking D. double clicking
6. All these are hardware components apart from
A. a printer C. keyboard
B. monitor D. computer games
7. The instructions given to the computer by the user are called
A. icons C. data
B. commands D. information
8. Feedback from the computer can also be known as
A. data C. information
B. processor D. instructions
9. The following are the characteristics of a laptop apart from

- A. cheap C. automatic
B. expensive D. speed
10. The ability of a computer to reason like human beings is called
A. versatile C. artificial intelligence
B. diligence D. storage
11. The following are areas where computers are used in Uganda today
A. security C. banks
B. hospitals D. all the above
12. Having knowledge and understanding of a computer and how it can be used is called
A. computer competence C. computer professional
B. computer literacy D. computer illiteracy
13. Which one of the following was the first computation device?
A. Napier Bones C. abacus
B. slide rule D. analytical engine
14. Keys F1 to F12 are known as keys
A. arrow C. control
B. function D. typing
15. Which computer generation is still under development?
A. first generation C. seventh generation
B. second generation D. sixth generation
16. Which type of computers were used in the first generation?
A. universal C. IBM
B. automatic D. main frame
17. The combination of computer and communication technologies to process data into information is called
A. information technology C. information cycle
B. computer literacy D. computer
18. Another word for consistency as far as computer characteristics are concerned is
A. automatic C. speed
B. diligence D. storage
19. The heart of any computer system is the
A. CPN C. control unit
B. CPX D. processor
20. The diagram below shows a computer classification of hand held device. Identify it



- A. smart phone
- B. desktop computer
- C. PDA's
- D. i-pad

SECTION B

21. a) What is a computer? **(2 marks)**

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b) Define the following terms **(2marks @)**

i) Data

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ii) Booting

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iii) Information

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22. a) List any two storage media **(2 marks)**

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b) Identify the following parts of a computer **(4 marks)**



A

B

C

D

23. a) Distinguish between cold and warm booting

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b) Mention three reasons for restarting a computer

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24. Complete each sentence below with a suitable hardware device **(4 marks)**

- i) is a device for entering text data and instructions into the computer
- ii) is a device that output audio information
- iii) is a device used to produce a hardcopy
- iv) is a device that displays information

25. Mention the four the basic operations of a computer. **(4 marks)**

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26. Computers are used in homes, offices and in education. List 5 ways how computers are used in the society. **(5 marks).**

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27. a) List five (5) characteristics of a computer

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b) Outline any four careers in the area of information technology

- i)
- ii)
- iii)
- iv)

28. Write the following abbreviations in full

(i) PC

- (ii) CD
- (iii) DVD
- (iv) IT
- (v) UPS
- (vi) CPU
- (vii) VDU
- (viii) MB
- (ix) GIGO
- (x) BIT

SECTION C

Use the answer sheet provided for this section

29. a) change the following to binary form

i) 56_{10}

iii) 625_{10}

ii) 45_{10}

iv) 32_{10}

b) convert these to octal base

i) 43_{10}

iii) 843_{10}

ii) 512_{10}

iv) 954_{10}

c) Express the following from octal base to base two

i) 6557_8

iii) 756_8

ii) 443_8

iv) 67_8

End

**** *Good luck from gilbertokuku2@gmail.com/GCHS*