

TERM II EXAMINATION -2018
S.3 COMPUTER STUDIES 840/1
PAPER 1

Time: 2hrs

INSTRUCTIONS

- Answer all questions in all the sections
- Answers for section A should be circled with the correct alternative.
- Answers for section B should be filled in the spaces provided.
- Use only one answer script for section C.

SECTION A (20 MARKS)

1. Which of the following is an internal storage device
 - A. memory card
 - B. flash disk
 - C. CPU
 - D. hard disk
2. The following are the characteristic of the first generation computers.
 - A. very fast
 - B. huge in size
 - C. generated a lot of heat
 - D. very first
3. Which of the following is not a major part of a computer?
 - A. key board
 - B. monitor
 - C. CPU
 - D. mouse
4. The following are computer output devices except?
 - A. printer
 - B. microphone
 - C. speaker
 - D. plotter
5. Which of the following computers use binary codes to represent information?
 - A. super computer s
 - B. laptop computers
 - C. analog computers
 - D. digital computers
6. The ability of computer to perform the same tasks over and over again without getting tired is.....
 - A. versatility
 - B. automation
 - C. accuracy
 - D. none of the above
7. The invention of the defines the second generation computers
 - A. magnetic core
 - B. punched cards
 - C. transistors
 - D. vacuum tubes
8. In which computer classification is the main frame categorized.
 - A. process
 - B. size
 - C. purpose
 - D. processor power
9. The following are major parts of the keyboard apart from?
 - A. functional keys
 - B. enter key
 - C. alphanumeric keys
 - D. cursor control keys
10. Is greatly recognized in the history of computers as the inventor of the mechanical machine.
 - A. William Ought
 - B. Charles Babbage
 - C. Jacquard's loom
 - D. Blaise Pascal
11. The Stores data temporary in a central processing unit.

- A. ALU
B. cu
C. Register.
D. accumulators
12. server stores and distributes document client computer across a network.
A. database
B. printer
C. Internet
D. file
13. Twisted pair, coaxial cable and microwave are types of transmission.....
A. chains
B. media
C. Information.
D. types
14. How many bytes are found in the word mengo ss?
A. 3
B. 8
C. 64
D. 24
15. In spreadsheet, row 6 and column d form a cell reference
A. 6d
B. d6
C. 6:d
D. d:6
16. As the computer technology advances,
A. the size of computers also advance
B. the size of computers reduce
C. the size of computes remains normal
D. the cost of computers will be high
17. is not a computer peripheral device
A. network connection
B. fax modem
C. plotter
D. hard disk
18. Which of the following is the standard unit of data storage?
A. kilobyte
B. byte
C. bit
D. megabyte
19. A folder within a folder is called?
A. subfolder
B. file
C. small folder
D. document
20. Which of the following is application software?
A. windows
B. Microsoft office
C. Cobol
D. visual basic

SECTION B

Answer all questions in this section

21. (a) Define the term software?

(02mks)

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(b) Giving one example in each case, differentiate between system software and application software. (04mks)

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(c) Give any five roles played by an operating system in a computer. (05 mks)

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d) state two examples to the following types of operating system (04 mks)

i) Single user operating system

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ii) Multi-tasking operating systems

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22. (a) Define the term data communication as used in computing. (02 mks)

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(b) Briefly explain any five basic elements of data communication. (05)

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c) Differentiate between guided and unguided transmission media. (02mks)

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d) State any three examples of guided transmission media (03 mks)

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ii) Define the following terms as related to networks (3 mks)

networking.....

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network topology.....

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Internet.....

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23. (i) Choose the correct answer from the list below to fill the spaces. (05)

A gateway, A bridge, A repeater, A hub, A modem.

a) A computer device which changes signals from analog to digital and vice versa is _____.

b) A computer device which amplifies signals and sends them to far distances without losing their energy is _____.

c) A computer device which connects two LANS with similar protocols is a _____.

d) A computer device which reads the address of the device and sends packets to that particular address is a _____.

e) A device that is used to provide multiple ports for connection is _____.

(ii) With the use of illustrations, describe the bus topology network giving two advantages of the network. (05)

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Describe any five factors considered when choosing a topology of any network (5 mks)

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24. (i) Differentiate between the following terms as applied in spreadsheets. (06)

a) Relative referencing and Absolute addressing

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b) Formula and function

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c) Cell and range

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(ii) Give any four advantages of using spreadsheets over manual systems. (04)

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iii) state any three components of an electronic spreadsheet.(3mks)

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iv) Daphine wants to balance her books for her stationery services at Namungona along Hoima road. As a computer student, what steps would give to her if she wants to use a spreadsheet program? (2 marks)

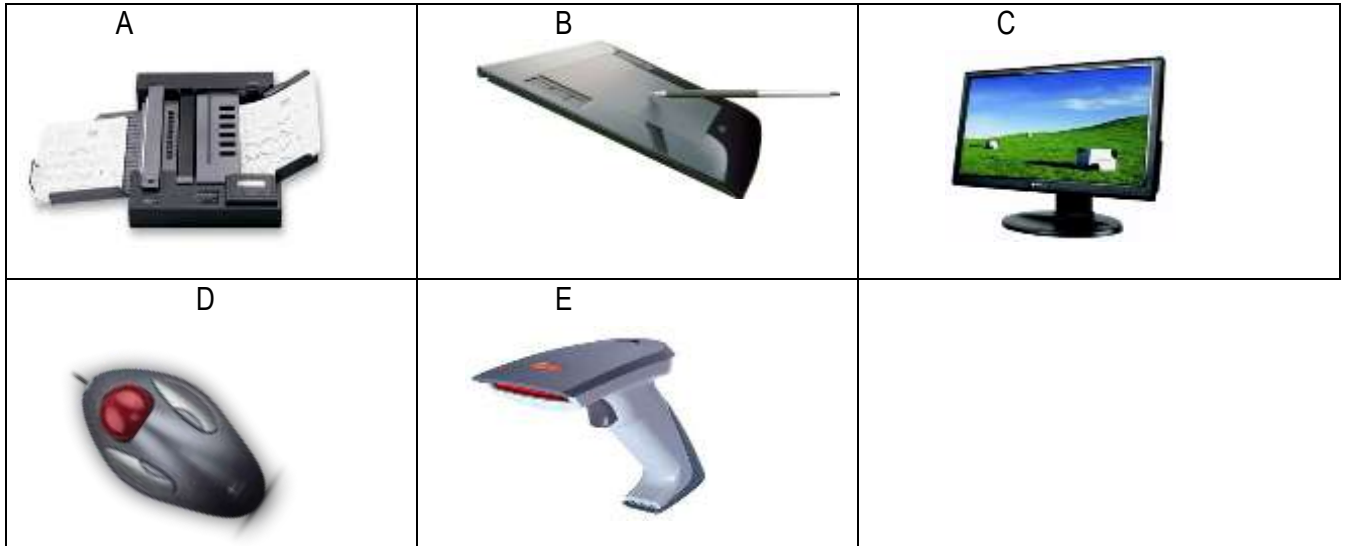
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25. Study the devices below and answer questions that follow:



(a) Name the devices labeled.

(05 marks)

- A.
- B.
- C.
- D.
- E.

(b) Give one major difference between devices C and D .

(01)

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(c) Give any four differences between RAM and ROM

(04)

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d) state any three examples of optical scanners you know (03 mks)

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 ii) Give any two examples of biometric devices

26. (i) The following mark sheet shows the marks scored by senior three students at Abiriga high school in the end of term exams.

	A	B	C	D	E	F	G
1	Name	Math	Physics	Economics	ICT	Total	Average
2	Joseph	76	65	70	45		
3	Katongole	45	32	50	54		
4	Ali	70	65	78	76		
5	Joan	56	68	54	56		
6	Moses	65	55	52	28		
7							

Write a function to calculate the following;

(05)

- Total marks for Ali:
- Average score for Joan:
- The highest score in physics:
- The lowest score in Math:
- The total score for Moses:

(ii) Give any five disadvantages of using computers in society.

(05)

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SECTION C

Answer only one question

27.How can computers (ICT) be used in the following fields?

(20)

- (i) At home
- (ii) In school
- (iii) In health
- (iv) In transport

XXXXXXXXXX END XXXXXXXXXX

WISHING YOU SUCCESS MY BABY COMPUTER ENGINEERS, SOFTWARE ENGINEERS, PROGRAMMERS, TEACHERS,
TECHNICIANS, SYSTEM ANALYSTS, DATABASE ADMINISTRATORS.....

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