Name………………………………………………………   Stream………………

END OF TERM III EXAMINATIONS 2014
S.3 COMPUTER STUDIES(Theory)
paper 1 (840/1)
TIME: 2 hour :30 MINUTES:

SECTION: (A) (20 MARKS)- Circle the correct alternative. Attempt all questions in this section.

1.   What do we call process of giving computer instructions?

A. Instructing   C. Writing

B. Programming   D. inputting

2. Preparing a new floppy for reading and writing data on it is called.

A. Loading   C. Formatting

B. Reading   D. Preparing

3.   To run more than one task in a computer is called...

A. Multi channelling   C. macro channelling

B. multitasking   D. macro tasking

4.   The process of reading software into the computer is called...

A. entering   C. reading

B. loading/installing   D. resetting

5.   To properly end a working session you should first,

A. boot the floppy disk   C. format the floppy disk

B. turn off the computer   D. save the files

6. A component of the computer system that provided instructions for processing   data is..

A. hardware   C. CPU

B. software   D. ALU

7.   Long term storage of data is handled by..

A. main memory   C. RAM

B. auxiliary storage   D. ROM

8.   The asterisk symbol in DOS is called..

A. an extension   C. filename

B. a wildcard   D. a substitute

9.   The small pictures that represent commands in graphical user interface are

A. icons   C. symbols

B. cursor   D. graphics

10.   A popular term for microcomputer is..

A. minicomputers   C. private computers

B. personal computers   D. mainframe computers

11.   An example of an analog computer could be a..

A. pocket calculator

B. minicomputer

C. House thermostat

D. personal computer

12. Which of the following is not an input device?

    A. Mouse   B.   Keyboard   C.   CD- ROM   D.   Scanner.

13. The series of programs which tell the computer hardware what to do are……

    A. Computer software   C. System configuration

    B. Computer system   D. Operating system

14. Which of the following auxiliary devices is the cheapest.

    A. Floppy disk   B.   Hard disk   C.   Compact disk   D.   Flash disk

15. A byte is equivalent to…………………………………………………….

    A. 1024 megabytes   C. 8 bits

    B. 1024 kilobytes   D. 1024 Gigabytes

16. Secondary storage devices are also called…….

    A. Primary storage   C. Auxiliary storage

    B. Memory storage   D. Flash memory

17. CRT stand for……………………………

    A. Cathode Ray Television   C. Cathode Resource Tube

    B. Cathode Ray Tube   D. Crystal Ray Television

18. The output which is present on a physical medium is called…………………..

    A. Softcopy   C. Information

    B. Hardcopy   D. Data

19. Hardware components are categorized into…… except…..

    A. Input devices   C. Storage devices

    B. Output devices   D. System Software

20. The following are examples of high level programming languages except....

    A. BASIC

    B. FORTRAN

    C. COBOL

    D. Machine Language

(60 MARKS) (Write the answers in the spaces provided).

21. Define then following in relation to the internet:(10 marks)

a) E- commerce

....

....

b) Web browser

....

....

c) Hyper link

....

....

d) Website

....

....

e) Search Engine

....

....

22. Explain the functions of the following parts in a system Unit.(10 marks)

a)   Power supply

....

....

b)   Data buses

....

....

c)   Motherboard

....

....

d)   Central Processing Unit

....

....

e)   System Clock

....

....

23.   Describe the five basic stages of information processing (information cycle).
       (10 marks)

(i)   ....

....

(ii)..

....

(iii)...

....

(iv)...

....

(v)..

....

24.   Explain 5 features of word processing software.   (10 marks)

(i)   ....

....

(ii)..

....

(iii)...

....

(iv)...

....

(v)..

....

25.a) Define the term a computer network? (1 mark)

....

....

b)   Explain 3 types of computer networks. (06 marks)

(i)..

....

(ii)   ....

....

(iii)   ....

....

c)   State **two** advantages and **one** disadvantage of networking computers.

(03 marks)

Advantages:

(i)..

....

ii)..

....

Disadvantage

(i)..

....

26.   a)   Define a micro computer? (02 marks)

....

....

b)   State three examples of micro computers. (03marks)

(i)..

(ii)...

(iii)..

c)   Give five uses of computers in the entertainment field   (05 marks)

(i)..

(ii)...

(iii)..

(iv)..

(v)...

SECTION C(20 MARKS)-ESSAYQUESTION

Attempt only **one** question in this section.

27.   Explain the services offered by the internet to users.   (20 marks)

28.   Information technology has done more good than harm to education.
Give your arguments in favour and against the statement.   (20 marks)

29.   "The operating system is an important component on a computer without
which a computer cannot work" Explain the importance of the operating
system on the computer.   (20 marks)

....END....