

Term 1 Examination-2019  
S.3 Computer Studies 840  
Paper 1  
Time : 2 hours 15 mins

NAME: .....STREAM: .....

SIGNATURE:.....

**Instructions:**

- Attempt **all** questions in all sections
- Section A has **20** compulsory objective type questions and choose the best alternative
- In section **B**, you fill in the spaces provided
- Section **C** has structured questions and you are required to fill in the spaces provided.
- Any form of **cheating** will lead to dismissal from the examination
- Good **handwriting** is highly emphasized.

**SECTION A**

Use this table to answer this section

|   |    |    |    |    |
|---|----|----|----|----|
| 1 | 6  | 11 | 16 | 21 |
| 2 | 7  | 12 | 17 | 22 |
| 3 | 8  | 13 | 18 | 23 |
| 4 | 9  | 14 | 19 |    |
| 5 | 10 | 15 | 20 |    |

1. Which of the following processes represent a complete information processing cycle?  
A.Input,processing,data entry and storage  
B.Input,processing,output and storage  
C.Input,output,storage and processing
2. An operating system is.....  
A.The part of hardware that operates input devices and output devices  
B.Part of hardware that operates windows on monitors  
C.System software that manages the computer system resources  
D. A section of the software that must be part of every day program
3. Which of the following is not a programming tool?  
A.Debugger    B.An interpreter    C.notebook    D.A compiler
4. Slides as an output are displayed using.....software  
A.Word processing    B. browser    C.spreadsheet    D.presentation
5. Which of the following is the “Brain” of a computer?  
A.Main memory    B. Processor chip    C. ALU    D.CMOS
6. An anti-virus is an example of  
A.An application software  
B.Software package

- C.utility program
- D.Operating system

- 7.which of the following is created using presentation software?  
A. a directory    B. a file    C.organizational chart    D. e-mail message
8. which of the following procedure can be used to open an existing document?  
A. click open button on status bar  
B. choose file;open  
C.double click the right column border on worksheet frame  
D.dragging the column border on worksheet frame
9. which of the following is a characteristic of second generation computers?  
A. vacuum tubes    B. transistors    C.integrated circuits    D. diodes
10. what are 0 and 1 used in representation of computer data referred to?  
A. byte    B. protocol    C. ASCII    D. BIT
11. convert  $10010011_{\text{two}}$  to decimal  
A. 156    B. 67    C. 75    D. 147
12. which of the following is not an output device?  
A. printer    B. plotter    C.monitor    D. touch screen
13. one of the following is not a component of a computer system unit  
A. ROMBIOS    B. power unit    C. processor chip    D. keyboard
- 14.which of these types of storage devices uses a laser to record or read information?  
A. hard disk    B. floppy disk    C. CD-RW    D. zip drive
- 15.The speed of an inkjet printer is measured by the number of .....it can print  
A.Character per second(CPS)  
B.Pixels per second  
C.Lines per minute(LPM)  
D.Pages per minutes(PPM)
- 16.A megabyte is equivalent to.....kilobytes  
A.1024    B.1048576    C.11534336    D. 104857600
17. The device that interpretes and executes the instructions in the computer and also called the brain of a computer is the  
A.System unit    B. base unit    C. CPU    D. ALU
- 18.Which of the following is a set of impact printers  
A.Inkjet printers    B. bubble jet printers    C. line printers  
D. thermal printers
- 19.With computer devices, the acronym CPU stands for  
A.Central processing unit  
B.Command processing unit  
C.Central processor unit  
D.Command processor unit
- 20.In a laser printer, the.....transfers the image to the paper.  
A.Laser    B. roller    C.toner    D. drum
- 21.An example of a non volatile memory  
A.ROM    B. RAM    C. PROM    D. DRAM
22. When the user does give the computer a command and leave it to work upon it and thereafter comes when it is finished, then this feature of computers today is  
A. automatic    B. consistent    C. Speed    D. internet

23. One of the most dangerous issues about internet among the youths is that it has
- A. promoted faster access
  - B. increased pornography
  - C. promoted theft of materials
  - D. increased laziness

**SECTION B**

**Fill in the correct word**

21. ....is the process of restarting a computer
22. ....is the process of turning on a computer after it had been switched off
23. ....are the physical tangible components of the computer.
24. ....converts digital signals to analog and vice versa
25. ....is also known as the heart of the computer.
26. ....is a picture representation of a program or an item
27. ....is sometimes called a visual Display Unit.
28. ....is the smallest unit in the measurement of information
29. ....was the major discovery in the fifth generation of computers
30. Back space key deletes.....
31. Type of memory that stores computer data permanently is.....
32. EPROM and EEPROM are various types of.....
33. Pixels is a short form for.....
34. Artificial intelligence is found on.....generation of computers
35. Non-impact printers are printers which does not use the.....mechanism.
36. Monitors are either LCD or .....
37. Dragging, pointing, clicking are terms connected with the.....
38. When RAM is said to be volatile then ROM will be.....
39.  $100000_{\text{two}}$  to decimal gives us.....
40. CD-ROM can store data to approximately.....MBS

41. (a) Explain each of the following in relation to e-mail

(i) Subject

.....

.....

.....  
(ii) To:

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

(iii) c.c:

.....  
.....

(iv) BCC.....

(b) State four advantages of e-mail communication over ordinary mail

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

(c )(i) Distinguish between Internet and E-mail

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

(ii) What do the following terms stand for in full?

FTP .....

TCP .....

HTTP .....

WWW .....

URL .....

42. Explain what you understand by the following terms

(i) Band width

.....  
.....

(ii) Frequency

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(iii) Uploading

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.....

(iv) downloading

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.....

(v) browser

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.....

(vi) search engine

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.....

b) Give some 4 factors which may affect data transmission

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

.....  
c) what is data communication?  
.....  
.....

**SECTION C**

43. Explain how computers have affected educational institutions in the East African region.(20 marks)

----- END -----

**WISHING YOU SUCCESS MY BABY COMPUTER ENGINEERS, SOFTWARE ENGINEERS, PROGRAMMERS,  
TEACHERS, TECHNICIANS, SYSTEM ANALYSTS, DATABASE ADMINISTRATORS.....  
FROM ICT DEP'T/GCHS K'LA/ [gilbertokuku2@gmail.com](mailto:gilbertokuku2@gmail.com)**