

SECTION A

1. A..... is a primary database structure.
 - a) table
 - b) report
 - c) form
 - d) query

2. Which of the following is not a programming tool?
 - a) Debugger
 - b) An interpreter
 - c) Notebook
 - d) A compiler.

3. Slides as an output are displayed usingsoftware.
 - a) Word processing
 - b) Browser
 - c) Spreadsheet
 - d) Presentation.

4. Which of the following is the “Brain” of a Computer?
 - a) Main memory
 - b) Processor chip
 - c) ALU
 - d) CMOS

5. An anti-virus is an example of
 - a) an application software
 - b) software package
 - c) a Utility program
 - d) Operating system.

6. In Database, a collection of fields that contain data about a single activity or transaction is referred to as a
 - a) File
 - b) Primary key
 - c) Record
 - d) Query

7. HTTP stands for
- a) hyper text transport protocol
 - b) hyper text transport platform
 - c) hyper text transfer platform
 - d) hyper text transfer protocol
8. Which of the following is created using Presentation software?
- a) a Directory
 - b) a file
 - c) Organisational chart
 - d) E-mail message.
9. Which of the following procedure can be used to Open an existing document?
- a) click the open button on the status bar
 - b) choose file; open
 - c) double click the right column border on the worksheet frame
 - d) dragging the column border on the worksheet frame.
10. Which of the following is a characteristic of second generation computers?
- a) Vacuum tubes
 - b) Transistors
 - c) Integrated circuits
 - d) Diodes
11. is a standard for transmitting data over a computer communication link
- a) Packet switching
 - b) Network
 - c) Topology
 - d) Protocol.
12. An address which changes when a formula is copied to another location in a spreadsheet is called.
- a) absolute address
 - b) relative address
 - c) mixed address
 - d) formula address.

13. During which step in the process of program development do programmers write the actual program instruction?
- a) designing
 - b) testing
 - c) coding
 - d) review specifications.
14. What are 0 and 1 used in representation of computer data referred to?
- a) Byte
 - b) Protocol
 - c) ASCII
 - d) BIT.
15. Convert 10010011 to decimal
- a) 156 b) 67 c) 75 d) 147
16. Mary wishes to draw out a cash flow for her retail business, which of the following is the most appropriate program to use?
- a) Ms- word
 - b) C
 - c) Ms-access
 - d) Ms-excel.
17. Which of the following is not an output device?
- a) Printer
 - b) Plotter
 - c) Monitor
 - d) Touch screen
18. One of the following is not a component of a computer system unit;
- A. ROM BIOS
 - B. Power unit
 - C. Processor chip
 - D. Keyboard.
19. When you turn on your computer, the CPU performs instructions given by the-----
-----that searches the disk drive for the main operating system files.
- a) CMOS
 - c) RAM

b) POST

d) BIOS

20. 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.

SECTION B (*Answer any three questions in this section*)

21. (a) Explain the following terms as used in computer studies:

(i) System software

2marks

(ii) Utility programs

2marks

(iii) Application software

2marks

(b) (i) What is a computer operating system?

1mark

(iii) Outline four functions of a computer operating system.

(iv) List any four operating systems that you know

(c) (i) What is meant by Booting of a computer?

1 mark

(ii) Outline the computer booting process.

4 marks

22. (a) (i) What is meant by User Interface?

(ii) Distinguish between a Graphical User interface (**GUI**) and a Command line user Interface (**CLI**); *in each case give **one** example of an operating system that uses such an interface.*

Graphical user interface:

1 mark

Example;

1 mark

Command line interface:

1 mark

Example;

1 mark

(iii) Give two advantages of GUI over CLI.

1 mark

(b) (i) Name three major parts of the CPU.

(ii) Explain the function of each part mentioned above (in (b)i).

6 marks

(c) (i) Write the following in full

CMOS

1 mark

ROMBIOS

1 mark

(ii) State the importance of the above

ROMBIOS

CMOS

23. (a) Define the following terms in relation to Database.

1 mark

(i) field

(ii) Record

1 mark

(iii) Table

1 mark

(b) (i) Name two Database management systems you know 2 mark

(ii) Identify three uses of database managements systems 3 mark

(iv) What is Presentation software? 1 mark

(v) Give two examples of Presentation software packages you know 2 mark

(v) Give three uses of presentation software. 3 mark

(c) i) Distinguish between an off-shelf software package and a customized software package 2 mark

ii) State the meaning of the following:

Computer virus

Anti virus

iii) Give one way in which a computer may contract a virus.

iv) Give one way in which one may protect or prevent computer viruses.

SECTION C (Answer one question)

- 24. What are the merits and demerits of learning using the Internet over using textbook learning? (20marks)
- 25. (a) In what ways are Computers applied in Uganda today? (10marks)
- (b) What do you expect the role of Computers to be in future? (10marks)