

UNEB U.C.E COMPUTER STUDIES (PAPER 1) 2005

SECTION A

1. All these are data storage devices except:

- A. Floppy diskette
- B. Hard drive.
- C. Control unit.
- D. Zip drive.

2. Which one of these is odd?

- A. Microsoft word
- B. Microsoft Access
- C. Epi Info
- D. UNIX

3. A is a primary database structure.

- A. Table
- B. Report
- C. Form
- D. Query

4. The operating system is not directly involved in one of these tasks.

- A. File management
- B. Formatting a diskette
- C. Scheduling of print jobs
- D. Displaying a web page

5. A computer with a specification will load programs faster.

- A. 900MHz
- B. 1 GHz
- C. 700MHz
- D. 600MHz

6. is a popular 7-bit encoding system.

- A. ASCII
- B. EBCDIC
- C. Hexa decimal
- D. Binary

7. This component of the Central Processing Unit (CPU) carries out all the logic and mathematical operations.

- A. ALU

- B. System clock
- C. Register
- D. Control unit

8. is a group of commands available to the CPU which determines the basic computer operations that can be performed.

- A. Instruction set
- B. Operating system
- C. Rom Bios
- D. Hard disk

9. Which of the following is not a computer peripheral?

- A. Monitor
- B. Printer
- C. CPU
- D. Keyboard

10. A is not an example of an output device.

- A. Printer
- B. Plotter
- C. Monitor
- D. Keyboard

11. Which one of the following is not a programming tool?

- A. Debugger
- B. An interpreter
- C. Notepad
- D. A compiler

12. Okello intends to draw up an inventory. Which of the following is the most suitable software to use?

- A. Ms-Word
- B. C++
- C. Ms-Excel
- D. Pascal

13. A makes it easy to find your way round the internet.

- A. Network browser
- B. Microsoft word
- C. Compiler
- D. Digital camera

14. Slides as an output are displayed using software

- A. A word processing
B. An internet explorer
C. A spreadsheets
D. A presentation
15. Which of the following is not a storage device?
A. Disk drive A
B. Disk drive B
C. Motherboard
D. CD-ROM
16. The process of starting a computer is referred to as
A. Surfing
B. Booting
C. Blocking
D. Clicking
17. The output displayed on the screen is termed as
A. Photocopy.
B. Softcopy
C. Master-copy
D. Hard-copy.
18. One of these is a pointing device used to manipulate on screen objects.
A. CD-ROM
B. Digital camera
C. Scanner
D. Mouse
19. Which of the following devices can be used to convert images or text on paper documents into electronic format that can display, store and print?
A. Track ball
B. Scanner
C. Monitor
D. CD-Rom device
20. The option on the menu bar which enables one to name a document and store it on a storage device using another name is
A. Save
B. Save as.
C. Edit
D. New

SECTION B

21. (a) Write the following abbreviations in full.

- (i) GUI
- (ii) ASCII
- (iii) EBCDIC
- (iv) URL

(b) Explain the following Internet services:

- (i) TELNET
- (ii) WWW
- (iii) E-mail

(c) What do you understand by the following terms?

- (i) computer-file
- (ii) File name extension
- (iii) Specify the file types associated with the following file extensions:

.exe

.txt

.doc

22. (a) Why is the binary number system used for computers?

(b) Convert the

(i) Binary number 10101010 to its decimal equivalent.

(ii) Decimal number 121 to its binary equivalent.

(c)(i) Explain the meaning of the term control unit as used in a computer system.

(ii) State any two functions of the control unit.

(iii) Define a byte

(d) Distinguish between ROM and RAM

23. (a) (i) define the term band width.

(ii) List three communication media.

(b) Below are specifications for two different types of computers A and B.

Specification: computer A computer B

RAM : 64 MB 128MB

HARD DISK : 700MB 20GB

SPEED : 800MHz 1GHz

COMPUTER WORD: 32-bit 64-bit

NETWORK CARD: NO YES

VIDEO CARD : YES YES

Study them and answer the questions that follow:

- (i) Which computer is faster in processing data?
- (ii) How many bytes can computer A handle at the same time?
- (iii) Which computer is more likely to be connected to a LAN and why?
- (c) Define the following terms:

- (i) Software
- (ii) Hardware
- (iii) Application programme

(d) Distinguish between downloading and uploading a computer.

24. (a) (i) Define the term computer Virus

(ii) Identify any three possible symptoms of computer viruses.

(b) State two ways in which one can guard a computer system against viruses.

(c) (i) What do you understand by the term screen saver as applied to computers?

(ii) State any two applications of a screen saver programme.

(iii) State two precautions that should be taken when cleaning a screen display area.

(d) State any two steps that must be followed to safely shut down a computer from the Microsoft word file.

25. (a) Define the following terms:

- (i) Warm booting
- (ii) Monitor
- (iii) Folder
- (iv) Application intelligence

(b) (i) List any two ways of starting an application in windows.

(ii) What is the Windows utility used to view contents of a floppy, hard and network drives?

(iii) What must be done to floppy disks before they are used?

(i) What do we call the basic applications that are built into windows that allow us to perform tasks like drawing or text editing?

(c) (i) CD-ROM stands for

(ii) State two ways in which a CD-ROM can be useful in education.

(iii) State three precautions for correct handling of diskettes.

26. (a) write the following abbreviations in full.

CAD

CPU

I.C

IP

(b) Define the following terms:

Hard copy

Soft copy

Bug

(c) Explain the meaning of the following:

(i) HTTP

(ii) HTML

(d) Fill in the gaps in the table below.

Task	Type of software that can be used.
(i)	Adobe Photoshop, paintbrush, Ms-word.
(ii) present a lecture
(iii)	MS-Excel
(iv) Reading information on the internet.

SECTION C

27. Explain why a school should have a web site.

28. (a) Outline the different forms of secondary storage.

(b) Describe the characteristics of each of the above forms of secondary storage.

29. Give your arguments in favour and against the impact of computers in our society today.