

SECTION A: ATTEMPT ALL QUESTIONS FROM THIS SECTION (30 Marks)

1. _____ computers represent data as variable points along a continuous spectrum of values.
- A. Analog
 - B. Digital
 - C. Precise
 - D. Mainframe
- 2.

The main component of a desktop PC is the _____ which houses the computer's critical parts.

- A. Processor
- B. Memory
- C. Keyboard
- D. system case

3.

To make a notebook act as a desktop model, the notebook can be connected to a _____ which is connected to a monitor and other devices.

- A. Bay
- B. docking station
- C. port
- D. network

4.

The most important or powerful computer in a typical network.

- A. Desktop
- B. network client
- C. network server
- D. network station

5.

The _____ is used by the tablet PC to write on the screen.

- A. Finger
- B. Mouse
- C. Digitizer
- D. stylus

6.

To access a mainframe or supercomputer, users often use a _____

- A. Terminal
- B. Node
- C. Desktop
- D. handheld

7.

Reusable optical storage will typically have the acronym _____

- A. CD
- B. RW
- C. DVD
- D. ROM

8. Which two devices are considered input devices? (Choose two.)
- A. biometric authentication device
 - B. printer
 - C. digital camera
 - D. projector
 - E. speakers
9. Which two storage devices use a magnetic medium for storing data? (Choose two.)
- A. tape drive
 - B. solid state drive
 - C. hard disk drive
 - D. blue-ray disk drive
 - E. compact disk drive
10. Which two pieces of information are needed before selecting a power supply? (Choose two.)
- A. the type of CPU
 - B. the form factor of the case
 - C. the installed operating system
 - D. the total wattage of all components
 - E. the voltage requirements of peripheral devices
11. What are two functions of an operating system? (Choose two.)
- A. controlling hardware access
 - B. managing applications
 - C. text processing
 - D. flow chart editing
 - E. program compilation
 - F. web browsing
 - G. controlling the BIOS
12. Which of the following are microcomputers?
- A. Mainframe terminals
 - B. Desktops, laptops and PDAs
 - C. Autopilot mini's in aircrafts
13. The following devices are used to stabilize power apart from one. Which is it?
- A. Uninterruptible power supply
 - B. Automatic voltage regulator
 - C. Multi- plug
14. A standard used to interface between musical instruments and a computer is
- A. MICR
 - B. Sound capture
 - C. MIDI
 - D. Digitizer
15. The two types of processors are;
- A. RISC and CISC
 - B. Pentium and AMD
 - C. Intel and Motorola

SECTION B: ATTEMPT ANY ONE QUESTION FROM THIS SECTION (20 Marks)

- 16.
- a) The CPU consists of three main functional elements, namely _____ and _____ (3 Marks)
 - b) The speed of a computer's processor is measured in _____ and is set by a special oscillating _____ (2 Marks)
 - c) Name the three types of system buses. (3 Marks)
 - d) The two types of LCD screens are the _____ and _____ (2 Marks)
 - e) The three common types of non-impact printers are _____, _____, and _____ (3 Marks)
 - f) A device that stores data electronically and has no moving parts is called _____ (1 Mark)
 - g) THREE factors to be considered when purchasing an optical storage device are _____, _____ and _____ (3 Marks)
 - h) A set of four bits is called a _____ (1 Mark)
 - i) Desktop computers may come in two form factors, These are _____ and _____ (2 Marks)
- 17.
- a) More than one program can be packaged into a single product known as a _____ (1 Mark)
 - b) An operating system can present one of three types of user interfaces. These are _____, _____, and _____ (3 Marks)
 - c) Three types of malicious that can infect a computer system are _____, _____ and _____ (3 Marks)
 - d) Hardware or software that restricts access to the Internet and internal computer networks is called a _____ (1 Mark)
 - e) Two examples of wireless transmission media used to access the internet are _____ and _____ (2 Marks)
 - f) Multimedia sites contain _____ and _____ (3 Marks)
 - g) Examples of filter programs used to block dirty sites include _____ and _____ (2 marks)
 - h) Components found inside the system unit include _____ (5 Marks)

SECTION C: ATTEMPT ANY ONE QUESTION FROM THIS SECTION (20 Marks)

18.

- a) Identify and briefly describe any FIVE desirable characteristics of information. (10 Marks)

- b) Define what a computer is? (2 Marks)

- c) Giving examples, distinguish between hardware and software. (4 Marks)

- d) Define the following terms, in the context of Computer Based Information Systems:

Bus

ii. Procedures

(4 Marks)

19.

- a) There are problems associated with entering data into computers because humans communicate less quickly than computers and in a different way.

Identify and briefly describe the THREE categories of data entry methods commonly employed to overcome these problems.

(6 Marks)

- b) Briefly explain any THREE
- i. Advantages
 - ii. Limitations
- of computers.

(6 Marks)

- c) With the aid of a suitable diagram, discuss the basic architecture of a computer system.

(8 Marks)