Assignment: 1

Module - 1: Understanding of Hardware and Its components.

Section 1: Multiple Choice

1. Which of the following is NOT a component of the CPU?

Ans:- Ram

1. What is the function of RAM in a computer?

Ans:-Ram (Random Access Memory) this technique allows the computer to temporarily store data and access immediately.

1. Which of the following is a primary storage device?

Ans :- HDD and SSD

1. What is the purpose of a GPU?

Ans:- GPU (Graphical Processing Unit) any device has to handle graphics Effects and videos related to video.

1. True or False: The motherboard is its he main circuit board of a computer where other components are attached.

Ans:- True

6. True or False: A UPS (Uninterruptible Power Supply) is a hardware

device that provides emergency power to a load when the input power

source fails.

Ans:-True

1. True or False: An expansion card is a circuit board that enhances the functionality of a component.

Ans:- False

1. Explain the difference between HDD and SSD

Ans:-

|  |  |
| --- | --- |
| HHD. | SSD. |
| 1.Hard Disk Drive. | Solid State Drive |
| 2. Have slower speed of data storage. | Have high speed of data storage. |
| 3. Comparatively cheaper. | Comparatively costlier. |
| 4. Slightly H  eavier in weight | Lighter is weight |

1. Describe the function of BIOS in a computer system.

Ans:-Bios(Basic Input And Output System) is the program a computer microprocessor uses to start the computer system after it is powered on.

(a).Bootstrap loader: located the operating system and passes control over to it.

(b).Hardware configuration: Allows users to configure the system hardware settings such as time date and password.

(c).Performance issues: Helps address deep seated performance issues.

(d).Security protection: protect the system from security threats.

(e). Software and drivers: located the software and drivers that interface with the operating system.

10. List and briefly explain three input devices commonly used with

computers.

Ans:- Three common input device for computers.

(a)Keyboard : Users input in formation into the computer by pressing keys.

(b)Mouse: A pointing device that allows users to interact with the computer.

(c)Touchscreen: A common inputs devices for computer.