

Assignment

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

1. ALU
2. ROM
3. CU
4. 1 and 3 Both

Ans 4. 1 and 3 Both

2. What is the function of ROM in a computer?

Ans ROM temporarily stores data and any given instructions by the CPU.

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

1. HDD
2. SSD
3. SD card
4. 1 and 2 Both

Ans 4. 1 and 2 Both

4. What is the purpose of a GPU?

Ans It is used for graphic and visual data, It also helps the performance in games, video and other graphical apps.

5. True or False: The motherboard is the 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

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

Ans: True

8. Explain the difference between HDD and SSD?

Ans HDD uses spinning magnetic disk and the speed is also slower. The SSD on the other hand is

uses flash memory and there are no moving parts. The speed is also faster compare to HDD.

9. Describe the function of BIOS in a computer system?

Ans) Basically BIOS stores the operation of the hardware components when the computer starts and load something.

10. List and Briefly explain three input device commonly used with computer?

Ans) Keyboard, ~~mouse~~ to type text and commands. Mouse can be used to select point on things. Scanner can be used to take images and doc into laptop or computer.

11. Identify and label the following components on a diagram of a motherboard.

- CPU
- Ram Slots
- SATA Connectors
- PCI-E Slot

CPU - So Basically on the big motherboard CPU is the small square looking chip that controls the operation and process instructions.

Ram Slot → That is a long Rectang Stick/Disk looking that hold temporary data in or modules.

Sata connectors → is a long wire that has conneten on both side that's how it looks like and what it does is connect storage devices like HDD or SSD.

12. Demonstrate how to install a Ram module into a computer.

Ans: This is a Step by Step Process

- Turn off the computer and unplug the power cable
- Open the computer using ScrewDriver.
- Find the Ram (the long Rectangle looking).
- Open the ~~the~~ Clip take out the Ram.
- Make to see the notch of the Ram module with the Slot.
- Put the Ram Sock same way as taking out and lock the button It will make Click Sound.
- Close the case Back Connect the power cable again.
- Turn the computer on and check If ~~Ram~~ the BIOS Detects the Ram or you can see it in the System Setting.