



NAME : Siefelislam Hamdi Rashed

NUM: 2963

Distinguish between memory and storage?

- The **memory** is **RAM**. It is a part of computer that it uses while it's powered on. Your computer stores everything that it's thinking about in RAM. If you're running a program, it's in RAM. If you're looking at a webpage, it's in RAM. RAM contains everything that's currently going on with your computer
- **Storage** refers to long-term storage. Everything that your computer knows, but isn't thinking about, is in storage, written on the **Hard Disk Drive**.

Explain the types of keyboard and the purpose of the special key?

- A keyboard is a portable or wireless electronic device that contains all the alphabets, numbers, symbols and special keys, which is used for entering input data into a laptop or a computer .

Types of keyboard :

- Gaming keyboards
- They are similar to normal keyboards except they generally contain extra features such as illuminated keys, multimedia keys, an additional LCD screen, palm rest and other features.

The laptop keyboard

computer keyboard is a small version of the typical QWERTY keyboard. A typical laptop has the same keyboard type as a normal keyboard,

The laser keyboard

It is a recent gadget to the computing world. This device projects the keyboard on to a flat surface.

Roll up keyboard

They are extremely good when you are travelling you simply unroll them when ever you need you can take at anywhere.

What is the monitor and list the characteristics and types?

- The monitor is a most important and commonly used output device. The result of the processing displayed by the monitor is called output. A monitor looks same as a television. It is used to display images, text, videos etc.

CRT monitors

- These monitors employ CRT technology, which was used most commonly in the manufacturing of television screens. , many offices have stopped using them largely because they are heavy, bulky, and costly to replace

The LCD monitor

incorporates one of the most advanced technologies available today.

- The advantages of LCD monitors include their compact size which makes them lightweight. They also don't consume much electricity as CRT monitors, and can be run off of batteries which makes them ideal for laptops.
- LED monitors
- are the latest types of monitors on the market today. These are flat panel, or slightly curved displays ,LED monitors are said to use much lesser power than CRT and LCD and are considered far more environmentally friendly
- The advantages of LED monitors are that they produce images with higher contrast, have less negative environmental impact when disposed, are more durable than CRT or LCD monitors, and features a very thin design. They also don't produce much heat while running

Identify the types of printers and explain their pros and cons?

- **Laser Printers**

- Laser printers get their name because they use laser technology to transfer the images you print to paper. The fastest printer option,
- a laser printer often provides the best solution for black and white printing. Color laser models are available; however, they don't provide superior, high-resolution photo prints

Inkjet Printers

Inkjet printers get their name because they use liquid ink to create the images you print. Because of this, inkjet printers often provide the best solution for high-resolution photo printing. Unfortunately, photos and documents printed using an inkjet printer may bleed or smear when exposed to liquid or humid conditions.

- All-in-One Printers

- All-in-one printers typically provide print, copy, scan and fax capabilities from a single device, Unfortunately, when a printing problem occurs you may find yourself unable to use any of the device's functions, leaving you without a copier or a fax machine.

Discuss storage media and their categories?

A storage device is a piece of hardware that is primarily used for storing data. Every desktop computer, laptop, tablet, and smartphone will have some kind of storage device within it.

Primary storage

- A storage device is a piece of hardware that is primarily used for storing data. Every desktop computer, laptop, tablet, and smartphone will have some kind of storage device within it
- Secondary Storage:
- Like Hard Disk Drive

External storage devices

- Flash memory device
- Optical storage device

Define how data store?

- A data store is a repository for persistently storing collections of data, such as database, a file system or a directory

Identify the pointing devices?

- The major pointing device is the mouse for the desktop computer and the touchpad for the laptop,
- mouse,
- touchpad
- trackball
- pointing stick.

List input devices?

- **Computer - Input Devices**
- **Keyboard.**
- **Mouse.**
- **Joy Stick.**
- **Light pen.**
- **Track Ball.**
- **Scanner.**
- **Graphic Tablet.**
- **Microphone.**