

Short Questions

Q 1: What are input devices?

Ans: Input Devices:

The devices that are used to enter data and instructions into the computer are called input devices.

Examples:

Keyboard, Mouse, Scanner, Microphone, Web cam etc.

Q 2: What is output devices?

Ans: Output Devices:

The devices that are used to receive information from the computer are called output devices.

Examples:

Monitor, Printer, Speaker etc.

Q 3: What is keyboard?

Ans: Keyboard:

Keyboard is the most commonly used input device. It is the standard input device used to enter textual data into the computer. The layout of keyboard is just like the traditional typewriter. But it contains some extra command keys and function keys. A typical keyboard can have 101 to 104 keys. The most popular standard keyboard is also referred to as Q.WERTY keyboard.

Q 4: Define Alphanumeric keys and Numeric keys?

Ans: Alpha-numeric & Numeric Keys:

Alpha-numeric Keys:

These keys are used to enter alphabets, numbers and other special characters into the computer

Numeric Keys:

These keys are used to enter number from 0 to 9 and mathematical operators like (+, -, *, /, =) into the computer.

Q 5: What is the purpose of space bar key?

Ans: Purpose of Space Bar Key:

This key moves the cursor one space to the right every time you press the key.

Q 6: Define mouse.

Ans: Definition:

Mouse:

Mouse is the most widely used pointing device. Mouse is moved on a flat surface to control the movement of the cursor on a screen. The mouse is attached to the computer by a cable or wireless connection. A mouse usually has two or three buttons. These buttons are used to perform different tasks.

Uses

It is used to

- (i) An object on screen e.g. text, icon
- (ii) Access menus
- (iii) Interact with programs, files or data that appear on screen

Q 7: Write down the names of mouse events.

Ans: NAMES OF MOUSE EVENTS

The names of mouse events are



(i) Left Click

(ii) Right Click

(iii) Drag

Q 8: Define mouse events.**Ans: Mouse Events:**

Mouse event refers to the activity that can be performed by using the mouse. There are three mouse events

(i) Left Click

(ii) Right Click

(iii) Drag

Q 9: What is trackball?**Ans: Trackball:**

Trackball is also an input device. It is used as an alternative to a mouse. It works like a mouse but it is a stationary device with a moveable ball on its top. The body of the trackball is not moved. The ball is moved with fingers, thumb or palm.

Q 10: What are the advantages of trackball over mouse?**Ans: ADVANTAGES OF TRACKBALL OVER MOUSE**

The advantages of trackball over mouse are given below

- The trackball is stationary so it does not require much space for use.
- It can be placed on any type of surface.
- Trackballs are popular pointing devices for portable computers

Q 11: What is joystick?**Ans: Joystick:**

Joystick is an input device which is used for playing games, computer aided design or simulations. It is like a lever that can move in all directions and is used to control the movement of a pointer on the screen. The buttons on joystick is called triggers.

Q 12: What is Scanner?**Ans: Scanner:**

Scanner is an input device. It reads images and text printed on the paper and then translates into electronic form that can be processed and stored by the computer.

Q 13: What is OCR?**Ans: OCR:**

The characters or text are usually written on a piece of paper. OCR reads the characters from the paper and convert it into text data.

Q 14: What is microphone?**Ans: Microphone:**

A microphone is an input device used to digitally record audio data, such as the human voice. It can be plugged into a computer or recorder.

Q 15: What is voice recognition?**Ans: Voice Recognition:**

A system that converts the voice into text or commands is known as voice recognition. In voice recognition system, a microphone is used as input device. Voice recognition allows a user to use voice as input. The speaker speaks through microphone to give commands to computer such as opening programs, printing document, shutting down the computer, saving the document etc.

Q 16: What is light pen?**Ans: Light Pen:**

Light pen is a light sensitive input device shaped like a pen. It is used to draw maps on the computer screen or to make menu selections.

**Q 17: What is digital camera?****Ans: Digital Camera:**

It is an input device. It uses Charged coupled device (CCD) to store images. Once a picture has taken, it can be downloaded to a computer for further processing with a graphic program.

Q 18: What is Disk drive?**Ans: Disk Drive:**

A disk drive is a machine that read and writes data onto a disk. Disk drive rotates the disk with precise timing and has one or more read/ write heads that read and write data.

Q 19: What is monitor?**Ans: Monitor:**

Monitor is the most commonly used output device on personal computers. It is also called a display or a screen. To display graphics, a display screen must have a video display adapter attached with the computer.

Q 20: What is resolution?**Ans: Resolution:**

The numbers of pixels on monitor screen is called resolution.

Q 21: What is pixel?**Ans: Pixel:**

A small dot on the monitor is called pixel.

Q 22: What is CRT monitor?**Ans: CRT Monitor:**

CRT stands for Cathode Ray Tube. The CRT monitor contains a cathode ray tube. The front of the tube is a screen which is coated with phosphors. It contains a shadow mask. It can display different colors by combining various intensities of three guns.

Q 23: What is flat panel monitor?**Ans: Flat Panel Monitor:**

Flat Panel Monitors are usually used in portable computers and laptops because of their small size. They are expensive than CRT monitor and don't provide the high quality and bright colors. There are several types of Flat Panel monitors but the most common is Liquid Crystal Display (LCD) monitor.

Q 24: What is video controller?**Ans: Video Controller:**

Video controller is an intermediary device between the CPU and the monitor. It contains memory and circuitry that performs the functions to send information to the monitor for displaying on screen. The resolution of the monitor is determined by the video controller.

Q 25: What is Printer?**Ans: Printer:**

A printer is device that produces hardcopy on the paper. Printers are commonly used in business. There are two types of printers

(i) Impact Printers

(ii) Non-Impact Printers

Q 26: What is impact printer?**Ans: Impact Printer:**

An impact printer produces images by striking. They use hammer or a set of pins, to press ink from the ribbon onto a piece of paper.

Q 27: What is non-impact printer?

Ans: Non-Impact Printer:

The printers that produce output on paper without striking the paper are called non impact printer. They use electrostatic, inkjet and thermal technologies for printing.

Q 28: Define plotter.

Ans: Plotter:

It is an output device. It is used to produce high quality hard copy. It is a large scale printer that receive commands from computer to make drawings on the paper with one or more automatic pens.



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