

Unit 7: Windows Operating System**Q1: What is the purpose of the operating system?**

Ans: The purpose of the operating system as follow:

- ❖ It manages the software and resources of the system. These resources may include the processor, memory, storage devices, Input/output devices, etc.
- ❖ It provides a stable and efficient way to use the hardware without having to know all the details of the hardware.

Q2: What is a GUI Operating System?

Ans: A GUI operating system provides the user a graphical user interface to communicate with the computer. It provides graphical objects such as icons, menus, windows, buttons, etc. to the user to perform different tasks. Examples of GUI operating systems are Windows, Linux, and Solaris, etc.

Q3: What is a Command Line Operating System?

Ans: A Command Line Operating System provides a command prompt to the user for typing different commands to interact with the computer. The commands are given to the computer according to the predefined format. It is not an easy way to interact with the computer. The user needs to memorize commands to perform different tasks. Examples of Command line operating systems are DOS (Disk Operating System), and Unix etc.

Q4: List out different objects of the Windows Operating System.

Ans: The important basic objects of the Windows Operating System are:

- | | |
|--------------------|---------------------|
| ❖ Desktop | ❖ My computer |
| ❖ Recycle Bin | ❖ My Documents |
| ❖ Windows Explorer | ❖ Internet Explorer |
| ❖ Windows | ❖ Control panel |
| ❖ Start Button | |

Q5: What is Desktop?

Ans: The on-screen working area on which icons, menus, and dialog boxes appear is called the desktop because the surface of the screen looks like a desk with objects you might have on your own personal desk.

Q6: What is the use of My Computer icon?

Ans: My computer is a special icon on the desktop. It is a very important object used for interfacing with computer. It enables user to see easily what is in his computer. The user can access everything in his computer such as hardware devices, disk drives, files & folders etc.

Q7: What is the use of My Documents folder?

Ans: My Documents is also a special folder on the desktop. It is automatically created when windows is installed. Many Windows-based applications use My Documents" folder as the default folder for storing files. These applications may include: Ms-Word, MS-Excel, MS-Access etc.

Q8: What is Recycle Bin?

Ans: The Recycle Bin is a special folder of Windows on the hard disk. It has an icon on the desktop. It contains file and folders that are deleted from the hard disk. Any file or folder you delete from the hard disk, are transferred to the Recycle Bin. These files or folders can be restored from the Recycle Bin to their original location if required for use.

Q9: What is Internet Explorer?

Ans: Internet Explorer is a web browser. It is a part of the Microsoft Windows operating system. It is used to access information on the internet. It is a powerful web browser providing advanced features to work on the www.

Q10: What is Windows Explorer?

Ans: Windows Explorer acts as a File Manager in Windows. It provides an efficient way for locating and managing files on a computer. It also provides the most efficient way to manage the computer resources.

Q11: What is the use of the Start Button?

Ans: The start button is located at the left-most side of the taskbar. The start button is the gateway of accessing most of the programs installed on the computer. When the start button is clicked, a menu known as the start menu appears on the desktop.

Q12: What is Control Panel?

Ans: The Control panel is a special folder that contains the Administrative Tools (system software) used to perform system management tasks such as installing or uninstalling hardware devices, managing system resources, sharing printers, and setting up dates and times, etc.

Q13: What are Mouse Events?

Ans: Mouse events are the actions that can be performed by using the mouse. The most common events of mouse are as follows:

- ❖ Left Click
- ❖ Right Click
- ❖ Drag etc.

Q14: What do you mean by the drag event of a mouse?

Ans: This event occurs when you press the left mouse button and move the mouse while keeping the left mouse button pressed. This event is used to select more than one item at a time. It can also be used to move an object from one location to another.

Q15: List out features of Windows.

Ans: Microsoft Windows is a complete operating system. Some important features of Windows are:

- ❖ Multitasking
- ❖ Multiprocessing
- ❖ Plug and Play
- ❖ Multi-user Operating System
- ❖ Networking
- ❖ Backup and Recovery

Q16: Define Multitasking.

Ans: Loading multiple programs into memory and executing them at the same time is called multitasking.

Q17: Define Multiprocessing.

Ans: In multiprocessing, multiple programs are executed on different processors at the same time. Some Operating Systems have features of multiprocessing. In multiprocessing, Operating System divides a task among different processors.

Q18: Define Multi-User Operating System.

Ans: Windows 2000 is a multi-user operating system. A multi-user operating system allows multiple users to use the same computer at the same time (or at different times).

Q19: What do you meant by plug and play?

Ans: Some operating systems automatically detect and configure new devices when they are connected to the computer. This capability of operating systems is referred to as plug and play.

Q20: What is clipboard?

Ans: The clipboard is a temporary space in the computer's memory used for holding data that is being copied or moved. After data has been placed in the clipboard, it can be inserted from the clipboard into other documents, in the same application or in a different application.

Q21: What is print queue?

Ans: When multiple documents are sent to the printer for printing, they are added in a queue in an order in which they are sent to the printer. This list of document waiting to be printed is called print queue.

Q22: Define Partition?

Ans: Disk partition is a disk management technique. It is the logical division of the hard disk. It divides the memory unit into sections. Partitioning is useful if the user wants to use multiple operating systems.

Q23: What is primary partition?

Ans: Primary partition is a type of partition that can be used as system partition. It can be created to occupy the entire hard disk or a portion of it. Any hard disk can have a maximum of four partitions. Each primary partition must be formatted after partitioning. The primary partition should be formatted as a single logical drive only. It cannot be subdivided into multiple logical drives.

Q24: Define file management.

Ans: File management is a process of maintaining and organizing files in the computer. Files are recognized by their extension. File extension is checked to determine what action should be taken.

Q25: What is extended partition?

Ans: It is a type of partition that can be further divided into sub-partitions. These sub-partitions are known as logical partitions. It is done to use multiple operating systems. A hard disk can have only one extended partition.