

BIHAR PROFESSIONAL CENTER

Computer & English training.

Digital World of Professionals

UNIT 5

OPERATING SYSTEM

Contact us on:

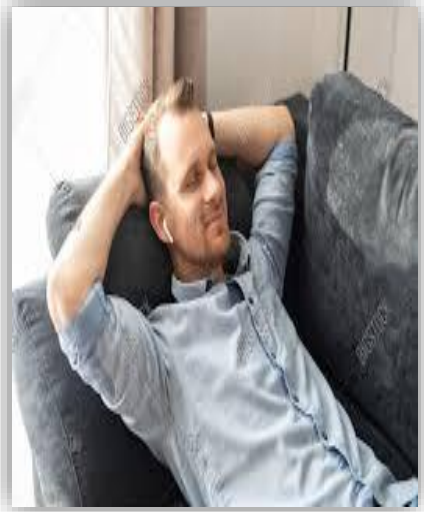
 **9905038623**

 **Churamanpur , Buxar NH922**



Operating System

An Operating System (OS) is an interface between a computer user and computer hardware.



An operating system is system software that manages computer hardware, software resources, and provides common services for computer programs.

Operating System

ऑपरेटिंग सिस्टम एक इंटरफ़ेस (बीच का माध्यम) है, जो कंप्यूटर यज करने वाले को और कंप्यूटर के हार्डवेयर (पार्ट्स) तथा सॉफ्टवेयरों को एक दूसरे से परस्पर जोड़ने का सम्बन्ध स्थापित करता है।

Ex. MSDOS(Disk Operating System), Linux Operating System, Windows Operating System(Windows 1.0, Windows 3.0, Windows 95, Windows 98, Windows ME, Windows NT, Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8, Windows8.1, Windows 10, Windows 11)

Functions of Operating System:

Device Management, Memory Management, Processor Management, File Management, Security, Control over system performance, Coordination between other software and users

Computer Memory

दुनिया में हर वस्तु को एक मात्रक में मापने का प्रयास किया गया है, कंप्यूटर के मेमोरी को **Bit** या **Byte** से मापा गया है। कंप्यूटर के **space** या मेमोरी को मापने का सबसे छोटा यूनिट **Bit** है। कंप्यूटर मेमोरी का बढ़ते हुए मान इस प्रकार है।

Memory Measurement:

1 Bit = Single Binary Digit (1 or 0)

8 Bits = 1 Byte

1024 Kilobyte = 1 Megabyte (MB)

1024 Gigabyte = 1 Terabyte (TB)

1024 Petabyte = 1 Exabyte (EB)

1024 Zettabyte = 1 Yottabyte (YB)

4 Bits = 1 Nibble

1024 Bytes = 1 Kilobyte (KB)

1024 Megabyte = 1 Gigabyte (GB)

1024 Terabyte = 1 Petabyte (PB)

1024 Exabyte = 1 Zettabyte (ZB)

1024 Yottabyte = 1 Brontobyte (BB)



This PC

Computer Memory

Computer: Complete space of computer

HARD DISK DRIVE(HDD) SDD(Solid state drives)
Local Drive(C:) 500 GB

Local Drive(C:) 250 GB

Local Drive(D:) 250 GB

Local Drive(C:)
80 GB

Local Drive(D:)
170 GB

Local Drive(E:)
200 GB

Windows Explorer (विंडोज एक्सप्लोरर)



Quick Access

Menu Bar

Tabs

Address bar

Control Tool bar

Toolbar

Back, Forward, and Up buttons

Navigation pane

Folder list

Search box

Status bar

The image shows a screenshot of the Windows Explorer application window. The window title bar says 'Documents'. The interface includes a ribbon with tabs 'File', 'Home', 'Share', 'View', and 'Manage'. The 'File' tab is active, showing a 'Library Tools' ribbon with groups like 'Clipboard', 'Organize', 'New', 'Open', and 'Select'. The address bar shows the path 'Libraries > Documents'. The left navigation pane shows 'Favorites' and 'Libraries' with 'Documents' selected. The main area displays a 'Folder list' with 'Documents (2)' and 'Documents (3)'. The status bar at the bottom shows '5 items' and 'Library includes: 2 locations'.