CH – 1
LET US EXPLORE – OUR COMPUTERS OPERATING SYSTEM, APPLICATION SOFTWARE

Q1. What is a computer ?

Ans : A Computer is an electronic device that takes input as raw data, process it into information and gives an output.

Q2. What are the components of a computer system?

Ans : There are two types of components of computers system. They are –
1. Hardware
2. Software

Q3. What is a Hardware ?

Ans : The collection of physically visible parts of computer system is called a hardware. It includes monitor, Keyboard, mouse, hard disk , Motherboard etc.

Q4. Define Software.

Ans : Software is a set of instructions, data or program used to operate computers and execute specific tasks. It is a generic term used to refer to application, Script and program.

Q5. How many types of software are there ?

Ans : There are two main types of software – 1. System Software   2. Application Software

Q6. What are Instructions ?

Ans : Instructions are the commands that are given to the computer in a language it can understand.

Q7. What is program ?

Ans : Program is a set of Instructions that tells the computer what to do .

Q8. Name the different types of hardware.

Ans : Different types of hardware are –
1. Input device
2. Processing device
3. Storage device
4. Output device
5. Communication Channel

Q9. What is System Software ?

Ans : System Software is general purpose software which is used to operate computer hardware. It provides platform to run application software.

Q10. How many types of System Software are there.

Ans : There are two types of system software –
1. Operating System
2. Utility Software

Q11. What is an Operating System ?

Ans : An Operating System is an interface between a computer user and computer hardware.

Q12. What are the functions of operating System ?

Ans : The functions of Operating system are -
1. Memory Management
2. Hardware management
3. Application management
4. File management

Q13. What is Memory management ?

Ans : Memory management manages different types of memories of computer. Example – Primary memory (RAM, ROM)

Q14. What is File management ?

Ans : It manages all types of data present in files and folders.

Q15. What is Application management ?

Ans : It allows you to run and manage application software on your computer system.

Q16. What is Hardware management?

Ans :It coordinates and controls the input and output devices to the system.

Q17. What is GUI ?

Ans : It's full form is Graphical User Interface. It allows the user to interact with electronic devices through graphical icons, menus etc.

Q18. Name the types of Operating System ?

Ans : there are two types of operating system –
   1. Single user operating system
   2. Multi user operating system

Q19. What is Utility software?

Ans : Utility software is a software designed to help to analyse, configure, optimise or maintain a computer. It is used to support the computer infrastructures in contrast to application software which is aimed at directly performing tasks that benefit ordinary users.

Q20. What are the examples of Utility software ?

Ans : Antivirus software , Recovery Software Scan Disk

Q21. What is Antivirus Software ?

Ans : Antivirus software is a type of utility software it helps us to detect or remove virus from our computer system and also prevent our system from being getting infected or attacked by virus.

Q22. What is Application Software ?

Ans : Application Software is a set of programs designed to solve a specific problem or do a specific task.

Q23. How many types of application software are there ?

Ans :1. General purpose software   2. Specific purpose software 3. Custom software

Q24. What is software license ?

Ans: Software license is a license agreement on the use and distribution of the software .

Q25. What is open source software ?

Ans : Open source software is free to available software which is easily available on internet. Its programming called available to the user.

Q26. What is programming code ?

Ans : Programming code ae the computer instructions written in a programming language.

Q27. What is proprietary software ?

Ans : Proprietary software or closed source software doesn't allow people to look at its code or modify it and restrict its distribution. Such software can be freely available or can be purchased

Q28. What is freeware software ?

Ans : The software which is made available free of cost to the user is called freeware software. It is not necessarily free to be used, copied, modified and redistributed the freeware software.