**Assignment -1**

1. Define an operating System.

Operating system is an interface between a computer user and computer hardware and perform all the basic tasks e.g. Memory and process management etc.

1. Name any 10 operating system
2. Microsoft Windows (MSDOS, Win 95, 98, NT, XP, Vista, 7, 8, 8.1, 10)
3. Linux (Ubuntu, Fedora, Red Hat etc)
4. Macintosh
5. Unix
6. Cent Os
7. Android
8. iOS
9. Google Chrome
10. Solaris OS
11. Describe the basic component of the operating system.

* Process management
* Main memory Management
* Secondary management
* File Management
* I/O Management
* Networking

1. Overview of MS-DOS operating system

MS-Dos stands for Microsoft Disk Operating System. It is command line base operating system where all commands are entered in text from and there is not graphical interface.

1. What are the different types of applications?

* GUI or Desktop based Application
* Web Application
* Mobile Application
* Console Application

1. What type of software is used for creating letters papers and other documents?

Word processor

1. What is a Pixel?

Pixel means a picture element. Every photograph in digital form is made up of pixels or we can say that they are the smallest unit of information that makes up picture.

1. What are the advantage of using a Ms-Excel?

Ms-Excel stands for Microsoft Excel. Ms-Excel is a spreadsheet program that was created by Microsoft and can be used on computers, tablets and cellphones.

Advantage:-

-To use Excel, user must be familiar with the basic formulas and commands.

-Excel use to makes the projections.

-Ms-Excel that enables users to manipulate, store and graph data.

9. Which technology is used in compact disks?

Laser technology is used in compact disk.

1. What is the file extension of Ms-Word document?

.docx

1. What is a primary memory?

Primary memory is also known as main memory , is a area in a computer in which data is store for quick access by the computer’s processor. Primary memory is internal memory of the computer. RAM is the part of primary memory. Primary memory is also known as volatile memory because the memory can’t store the data permanently.

1. What is a logical memory?

Logical address is the address generated by CPU. In paging, logical address is mapped into physical address with the help of page tables. Logical a translation to a physical device. In an address translation, we have a page index and a byte index into that page. The page index to the Nth path in the process could be called a logical memory.

1. What is a virtual memory?

Virtual memory is a memory management technique that is implemented using hardware and software. It maps memory addresses used by a program, called virtual addresses, into physical addresses in computer memory.