ASSIGNMENT 1

1. **What is operating system ?**

**Operating System**  is software that works as an interface between a user and the computer  hardware. The primary objective of an operating system is to make computer system convenient to use and to utilize computer hardware in an efficient manner. The operating system performs the basic tasks such as receiving input from the keyboard, processing instructions and sending output to the screen.

1. **Name any five operating system ?**

Machintosh

Unix/linux

Windows

Anroid

MS-DOS

**3. Overview of the MS.DOS operating system ?**

*MS-DOS (Microsoft Disk Operating System) was the Microsoft-marketed version of the first widely-installed operating system in personal computers. It was essentially the same operating system that Bill Gates's young company developed for IBM as Personal Computer - Disk Operating System (*[*PC-DOS*](http://searchmobilecomputing.techtarget.com/definition/PC-DOS)*). Most users of either DOS system simply referred to their system as*[*Disk Operating System*](http://searchsecurity.techtarget.com/definition/DOS)*. Like PC-DOS, MS-DOS was (and still is) a non-graphical line-oriented command-driven operating system,*

1. **What are the different types of computer applications?**

**Embedded Systems:**When we save a name, address and other information in to our Mobile Phone or Digital Diary, You know How it gets saved in it? Nothing but which is a small computer program 'Embedded' into a chip in the device inside the mobile phone or digital diary known as Embedded Systems.

**Windows applications:**  
Windows Applications is a form based standard Windows, Microsoft word; Paint is example to the Windows application, and also called 'Desktop applications'.

**Web Applications:**A web site is also called 'web Applications'. A web applications is a collection of web pages hosted on a special computer called 'web server'. Web server can be located anywhere and visitors can be located anywhere .It will work through Browsers,

**5.what types of software used for creating letter paper and other document?**

Word processor

**6. What is a pixel ?**

a minute area of illumination on a display screen, one of many from which an image is composed.

"the camera scans photographs and encodes the image into pixels"

**7. What are the advantages of using MS-excel?**

* **Easy and effective comparisons -**With the powerful analytical tools included within Microsoft Excel you have the ability to analyze large amounts of data to discover trends and patterns will influence decisions.
* **large amounts of data -**Recent upgrades to the Excel spreadsheet enhance your ability to analyze large amounts of data.
* **Working Together -**With the advent of the Excel Web App you can now work on spreadsheets simultaneously with other users. .
* **Microsoft Excel Mobile & iPad Apps -**With the advent of the tablet and the smart phone it is now possible to take your worksheets to a client or a meeting without having to bring along your Laptop.

**8. which technology is used in compact disks ?**

The compact disc is an evolution of **LaserDisc** technology, where a focused **laser** beam is used that enables the high information density required for high-quality digital audio signals. Prototypes were developed by Philips and Sony independently in the late 1970s

**9. what is the file extention of ms.-word document?**

Microsoft Word uses the .docx file extension to save documents. X stands for xml (extenssib le markup language).

**10. what is the primary memory?**

Primary memory is computer memory that a processor or computer accesses first or directly. It allows a processor to access running execution applications and services that are temporarily stored in a specific memory location.

Primary memory is also known as primary storage or main memory.

**11. what is the logical memory?**

Logical memory is the address space, assigned to a logical partition, that the operating system perceives as its main storage. For a logical partition that uses shared memory (hereafter referred to as a shared memory partition), a subset of the logical memory backup by physical main storage and the remaining logical memory is kept in auxiliary storage.

**12. what is the virtual memory?**

Virtual memory is a feature of an operating system (OS) that allows a computer to compensate for shortages of physical memory by temporarily transferring pages of data  from random access memory (Ram) to disk storage