**ASSIGNMENT**-**1**

Q.1 **Define** **operating** **system**?

Ans: operating system is interface between computer user and computer hardware. An operating system is software which perform all basic tasks like file management, memory management process management, handling input and output. And controlling peripheral devices and printers.

Q.2 **Name** **any** **ten** **operating** **system**?

Ans: 1) Microsoft window 7

2) Ubuntu

3) Window 8

4) Window 8.1

5) Window XP Professional

6) Linux Mint

7) Macintosh OSX

8) Android

9) Window XP

10) Window Vista

**Q.3 Basic components of operating system?**

Ans :- Main components of operating system are-

(a)Kernel: The kernel provides the most basic level of control over all of the computer hardware devices. It manages memory access for programs in the RAM.

(b)Program execution: The operating system provide an interface between an application program and the computer hardware so that an application program can interact with hardware.

(c)Interrupts: interrupts are central to operating systems as they provide an efficient way for the operating system to interact with and react to its environment.

(d) Memory management: Multitasking and Disk access and file system.

Q.4 **Overview** **of** **MS**- **DOS**?

Ans: - DOS stand for disk operating system. DOS control the computer hardware and provide and environment for programs to run.

- DOS controls the flow of information between you and your computer (translator)

- DOS allow you to store information on your computer.

-DOS allow you to retrieve information stored on your computer.

-DOS gives you to access to all its function (i.e. saving, copying printing files.)

**Q.5 What are the different type of application?**

-Desktop Application

-Window Application

-Web Application

Console Application

Q.6**What** **type** **of** **software** **is** **used** **for** **creating** **letter** **papers** **and** **other** **document**?

-Word processor

Q.**7what** **is** **pixels**?

A pixel is the smallest unit of a digital image or graphics. Pixel are combined to form a complete image, video, text or any visible thing on a computer display. A pixel also known as a picture element.

Q.8.**What** **is** **advantage** **of** **MS**-**Excel**?

Microsoft excel is the part of Microsoft office suit. Microsoft excel allow you to manipulate manage and analyze data helping assist in decision making and creating efficiencies that will directly affect your bottom line.

-Easy and effective comparisons

-powerful analysis of large amount of data

-Working together

-Microsoft excel mobile and iPad app.

Q.9.**Which** **technology** **is** **used** **in** **compact** **disk**?

-Laser technology.

**Q.10.what is the file extension of MS-Word?**

**.**docX **-** default word 2007/2010 extension.

.doc- word 97-2003 format

.dot- word 97-2003 template format.

**Q.11.what is primary memory?**

Primary storage also known as main storage or memory is the area in a computer in which data is stored for quick access by the computer processor. The term random access memory (RAM) are synonyms for primary or main storage. It is volatile in nature.

**Q.12. what is Logical memory**?

Logical memory is the address actually used inside your program.

**Q.14. what is virtual memory?**

A computer can address more memory then the amount physically installed on the screen. This extra memory is actual called virtual memory and it is a section of a hard disk that setup to emulate the computers RAM.

**Virtual** **memory** **is** **serve** **two** **purpose**-

First it allow us to extend the use of physical memory by using disk .Second it allow us to memory protection because each virtual address is translated to a physical address.