IT Basics Assignment -1

1. What is Computer?

Computer is an electronic device and also it is combination hardware’s and software’s.

1. What is IT?

IT refers to the processing of date by using the computer software’s, systems and networks.

1. What is Program?

A program is set of instructions for automatic process of the applications or tasks.

1. What is IP?

IP will provide a unique address in the form number series for every computer and also helps to identifies particular devices in the network.

1. What is software?

A software is set of programs and associated data to operate a computer and related devices.

1. Different types of software with one example?

There are two types of software’s

1. Application Software

It will directs the computer to execute the commands

given by the user to perform specific task

ex: - MS word, Paint, MS excel etc…

1. Operating System Software

It will controls the internal functioning through the operating system.

ex:- Monitor, Keyboard, Mouse etc…

1. What are the versions of IP?Explain

There are two versions of IP

1. IPV4

It is the first version of IP which uses to identify the devices in the network. and It uses 32 bit address to store the 2^32 address. Which is more than four billion address. and uses the number series addressing system.

1. IPV6

It is the recent version of IP due to shortage of IPV4 address to assign the system IPV6 is introduced

It uses the 128 bit address space to store the 2^128 address. and uses the hierarchical addressing and routing infrastructure.

1. What is Computer Network?

Computer Network refers to interconnected systems that exchange the data and sharing the resources with each other and also follows the user instructions.

1. What do you mean by 4 octet?

IPV4 consists the 4 octets which uses to display the induvial series of decimal numbers ranging from 0 to 255 and each octet contains the 8 bits of storage.

1. Different types of Computer Network?

The types of computer networks are

LAN(Local Area Network)

It will connects the system and communicates with other in a limited area.

WAN(Wide Area Network)

It will connects a large distances through a shared communication path. And not restrained for single location.

MAN(Metropolitan Area Network)

It is larger than LAN network and Smaller than WAN network and this will connects the different LAN networks in to a single router.