Web Applications (Basic) Class - 10

Networking Fundamentals

(Students are requested to note down in their computer copy)

At the end of this module you will learn

- What is Network?
- Difference between Network and Networking
- Need for Networking.
- Types of Networks

What is Network?

An interconnection between two or more than two computers is known as Computer Network (or simply Network).

In order to connect computers we need some medium, that can be classified into two categories –

1. Guided 2. Unguided (Will be explained in the next module)

Difference between Network and Networking

When two or more than two computers are connected with each other a physical structure will be created which is known as Network and the process which is used to connect these computers with each other is known as Networking.

Need for Networking

1. Sharing of Information
2. Sharing of Hardware
3. Sharing of Software
4. Cost Reduction
5. Security
6. Time saving

Types of Network

Basically there are three types of Networks-

1. LAN (Local Area Network

2. MAN (Metropolitan Area Network

3. WAN (Wide Area Network

Assignment for you

In your own language try to explain all the points given under need for networking.