Module – 1 **Introduction To Cloud Computing**

1. What is cloud computing?

Ans – Cloud computing is the use of the internet to deliver computer services and resources.

1. Describe cloud computing deploy model.

Ans – There are four types of cloud deploy model are as follow:-

1. Public Cloud
2. Private Cloud
3. Community Cloud
4. Hybrid Cloud
5. Public Cloud – A cloud in which services and infrastructure are hosted off-site by a cloud provider (owned by an organisation selling cloud services) and easily accessible to general public via Internet.
6. Private Cloud – A cloud where services and infrastructure are operated for a single operation operation accessible via private network, managed interally or by a third party. It is greater level of security.
7. Community Cloud – A cloud where services and infrastructure are accessible by a group of organizations.
8. Hybrid Cloud – A cloud which is a mixture of private and public cloud. In this type of cloud all critical and sensitive applications and data are stored in private in private cloud and non critical and non sensitive applications and data are stored in public cloud.
9. What are components of cloud computing?

Ans - There are some components of cloud computing are as follow:-

1. Client Devices
2. Datacenters / Infrastructure
3. Virtualization
4. Cloud Platform
5. Storage
6. Network
7. Cloud computing advantage and disadvantage Advantages of Cloud Computing.

Ans – There are some point of advantages and disadvantages of cloud computing are as follow:-

Advantages

1. Cost Efficiency
2. Scalability
3. Accessibility
4. Automatic Updates
5. Disaster recovery
6. Collaboration

Disadvantages

1. Internet Dependency
2. Security & Privacy risks
3. Limited control
4. Potential Downtime
5. Hidden costs
6. Vendor lock-in