

# Introduction To Cloud Computing

## **1. What is cloud computing?**

**ANS:** Cloud computing is the delivery of computing services like **storage, servers, software, and networking** over the **internet**, allowing users to access resources on demand without owning hardware.

## **2. Describe cloud computing deploy model.**

**ANS:**

- **Public Cloud** – Services shared over the internet (e.g., AWS, Azure).
- **Private Cloud** – Cloud used by a single organization.
- **Hybrid Cloud** – Combination of public and private cloud.
- **Community Cloud** – Shared by organizations with common needs.

## **3. What are components of cloud computing?**

**ANS:**

- **Front End** – User interface (browser, app)
- **Back End** – Servers, storage, databases
- **Network** – Internet or private network connecting users to the cloud
- **Service Models** – IaaS, PaaS, SaaS

## **4. cloud computing advantage and disadvantage Advantages of Cloud Computing**

### **ANS: Advantages**

- Cost saving
- Scalability
- Access from anywhere
- High availability

### **Disadvantages**

- Internet dependency
- Security concerns
- Limited control
- Possible downtime