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1. What is Cloud Computing?
Cloud computing means delivering computing services like storage, networking, databases, and software over the internet instead of using local computers.

2. Why is Cloud Computing Important?
• Reduces hardware cost
• Accessible from anywhere
• Scalable resources
• Faster performance
• Reliable and secure systems

3. Key Features of Cloud Computing
• On-demand self-service
• Broad network access
• Resource pooling
• Rapid elasticity
• Measured service (Pay-as-you-use)

4. Types of Cloud Service Models
• IaaS – Infrastructure as a Service
• PaaS – Platform as a Service
• SaaS – Software as a Service

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5. Types of Cloud Deployment Models
• Public Cloud – Open for all users
• Private Cloud – Used by a single organization
• Hybrid Cloud – Combination of public & private

6. Benefits of Cloud Computing
• Cost-saving
• Automatic updates
• Better collaboration
• High availability
• Strong data backup & recovery

7. Popular Cloud Service Providers
• Amazon Web Services (AWS)
• Microsoft Azure
• Google Cloud Platform (GCP)
• IBM Cloud
• Oracle Cloud

8. Conclusion
Cloud computing makes technology faster, easier, and more scalable. Understanding the basics helps you start your journey into modern IT and digital transformation.