# Cloud Computing Important Questions

## *Module 1*

1. Define cloud computing? What are cloud computing components?
2. What are the different types of cloud deployment models?
3. Compare Public, Private and Hybrid cloud.
4. Explain and compare Cloud Service Models-IaaS, PaaS, Saas.

## *Module 2*

1. What is meant by virtualization and what are the benefits of Virtualization?
2. Describe ParaVirtualization with Compiler Support.
3. Compare Full virtualization with Para virtualization.
4. What is Hypervisor and types of hypervisors?

## *Module 3*

1. Explain the following AWS services

- Compute service EC2
- Storage Services - Amazon Simple Storage Service
- Database Services - Amazon Relational Data Store, Amazon DynamoDB,
- Content Delivery Services - Amazon CloudFront
- Analytics Services - Amazon Elastic MapReduce
- Deployment & Management Services - Amazon Elastic Beanstalk ●

2.Explain Open Source Private Cloud Software
- CloudStack
- Eucalyptus
- OpenStack

## *Module 4*

1. Explain design Considerations for Cloud Applications - Scalability, Reliability & Availability, Security, Maintenance & Up gradation, and Performance

2. Cloud Design Reference Model for-
- E commerce application

- Content Delivery
- Data Processing application

3. Explain Service Oriented Architecture
4. Explain Cloud Component Model
5. Explain Model View Controller

## *Module 5*

1. How AAA model works and provide security?
2. Explain SSO model of cloud security.

## *Module 6*

1. What are the applications of cloud computing for-

- Healthcare
- Education
- Transportation
- Manufacturing