

- Q.16 Discuss any five cloud service Provider. (CO3)
- Q.17 Describe the key Component of SLA. (CO3)
- Q.18 Discuss the importance of Community cloud. (CO2)
- Q.19 Describe the Virtualization and its benefits. (CO4)
- Q.20 What are the protection methods of a cloud? (CO4)
- Q.21 Explain the IaaS architecture & how it works? (CO2)
- Q.22 What are the main security challenges associated with cloud computing? (CO4)

#### SECTION-D

**Note: Long answer questions. Attempt any two questions out of three Questions. (2x8=16)**

- Q.23 Explain the Cloud Computing Deployment Model in Detail. (CO2)
- Q.24 What is SLA? Explain the SLA Life Cycle with Diagram. (CO3)
- Q.25 Discuss the following:
- a) Network Virtualization (CO4)
  - b) Benefits of Cloud storage (CO4)

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**4th Sem.**

**Branch : Artificial Intelligence & Machine Learning  
Sub. Cloud Computing**

Time : 3 Hrs.

M.M. : 60

#### SECTION-A

**Note: Multiple Choice Questions. All Questions are compulsory. (6x1=6)**

- Q.1 What is Cloud Computing? (CO1)
- a) A type of personal computer
  - b) Storing data on a hard drive
  - c) Delivery of computing services over the internet
  - d) Software installed on your computer
- Q.2 Which service model provides software over the internet? (CO2)
- a) SaaS
  - b) IaaS
  - c) PaaS
  - d) DaaS
- Q.3 Which of these is a deployment model of Cloud Computing? (CO2)
- a) Virtualization
  - b) Public cloud
  - c) Hardware
  - d) Encryption

Q.4 What is elasticity in Cloud computing? (CO4)

- a) The ability of automatically adjust resources to meet demand
- b) The ability to store elastic data
- c) The flexibility of the cloud provided
- d) A method to compress data

Q.5 What is the main difference between Public Cloud and Private Cloud? (CO2)

- a) Public Cloud is cheaper
- b) Private Cloud is more secure
- c) Public Cloud is only used by the government
- d) Private Cloud cannot be used by multiple users

Q.6 What does "Scalability" in cloud computing refer to? (CO3)

- a) The ability to reduce resources as needed
- b) The ability to automatically add resource as needed
- c) The ease of transferring data between clouds
- d) The integration of multiple applications

## SECTION-B

**Note: Objective/Completion type questions. All questions are compulsory. (6x1=6)**

Q.7 Define Cloud Security. (CO1)

Q.8 The Cloud Computing, the term scalability refers to the ability to \_\_\_\_\_ resources as needed. (CO3)

Q.9 Define Data Migration. (CO4)

Q.10 A public cloud is a deployment model where services are shared by multiple \_\_\_\_\_ over the internet. (CO2)

Q.11 SLA stands for \_\_\_\_\_ Level Agreement. (CO3)

Q.12 Private Cloud environment are shared among multiple organizations to reduce costs. True/False. (CO2)

## SECTION-C

**Note: Short answer type Questions. Attempt any eight questions out of ten Questions. (8x4=32)**

Q.13 Write down the Challenges of Cloud Computing. (CO1)

Q.14 Define PaaS and explain its various advantages. (CO2)

Q.15 Explain the Difference between Hybrid and Private Cloud. (CO2)