

- 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)

No. of Printed Pages : 4  
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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

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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)