

### SECTION-D

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

Q.23 Describe in detail about cloud computing service models.

Q.24 Define SLA. Explain SLA Life Cycle.

Q.25 Write a short note on:

- a) Storage Area Networks
- b) Infrastructure Security
- c) Network Level security

No. of Printed Pages : 4

223845A

Roll No. ....

**4th Sem./ Artificial Intelligence & Machine Learning**

**Subject : Cloud Computing**

Time : 3 Hrs.

M.M. : 60

### SECTION-A

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Which of the following is not a type of cloud server?

- a) Public Cloud Servers
- b) Private Cloud Servers
- c) Dedicated Cloud Servers
- d) Merged Cloud Server

Q.2 Cloud computing is a concept that involves pooling physical resources and offering them as which sort of resource?

- a) cloud
- b) real
- c) virtual
- d) none of the mentioned

- Q.3 Which is the most essential concept related to Cloud computing?
- a) Abstraction                      b) Reliability
- c) Productivity                      d) All of the mentioned
- Q.4 Which of the following service provider provides the least amount of built in security?
- a) SaaS                                  b) PaaS
- c) IaaS                                  d) All of the mentioned
- Q.5 Which of the following is the Cloud Platform provided by Amazon?
- a) AWS                                  b) Cloudera
- c) Azure                                  d) All of the mentioned
- Q.6 How many types of computing cloud services are present?
- a) 2                                      b) 3
- c) 4                                      d) 5

### SECTION-B

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

- Q.7 SLA stands for\_\_\_\_\_.
- Q.8 \_\_\_\_\_ and \_\_\_\_\_ are the characteristics of cloud computing.

- Q.9 A deployment model defines the purpose of the cloud and the nature of how the cloud is located. (True/False)
- Q.10 Virtualization assigns a logical name for a physical resource and then provides a pointer to that physical resource when a request is made. (True/False)
- Q.11 In IaaS, the hardware is virtualized in the cloud. (True/False)
- Q.12 Google Docs related to cloud computing. (True/False)

### SECTION-C

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

- Q.13 What are various types of SLA?
- Q.14 What is hypervisor? What are its types?
- Q.15 Define cloud computing and its applications.
- Q.16 Differentiate between private and public cloud.
- Q.17 Define virtualization and its types.
- Q.18 What are legal issues in cloud computing?
- Q.19 What is Storage as a Service?
- Q.20 What are the challenges of cloud computing?
- Q.21 What are major cloud vendors/ service providers?
- Q.22 Write a short note on SLA management process.