

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

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Roll No.

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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

(20)

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- 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. $(6 \times 1 = 6)$

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. $(8 \times 4 = 32)$
- 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.