

- Q.20 What are some legal and compliance issues in cloud computing? (CO1)
- Q.21 Explain hypervisors and their types. (CO4)
- Q.22 How does Storage as a Service work in cloud computing? (CO2)

#### SECTION-D

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

- Q.23 Explain the evolution, challenges and applications of cloud computing. (CO1)
- Q.24 Explain the concept of cloud storage and its advantages over traditional storage systems. (CO4)
- Q.25 Describe network level security, data security and privacy issues in cloud computing. (CO3)

No. of Printed Pages : 4  
Roll No. ....

222864B/212864B

**6th Sem.**  
**Branch : Automation & Robotics**  
**Sub.: Cloud Computing**

**Time : 3 Hrs.**

**M.M. : 60**

#### SECTION-A

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

- Q.1 Which of the following is a benefit of cloud computing? (CO1)
- a) High maintenance cost   b) Limited storage  
c) On demand resources   d) Slow performance
- Q.2 Which cloud service model provides virtual machines and storage? (CO2)
- a) SaaS   b) PaaS  
c) IaaS   d) DaaS
- Q.3 Which of the following is an example of a cloud service provider? (CO2)
- a) AWS   b) Microsoft Word  
c) Google Docs   d) Windows OS

Q.4 Virtualization allows multiple \_\_\_\_\_ to run on a single physical machine. (CO4)

- a) Networks                      b) Users
- c) Operating systems        d) Websites

Q..5 What is the main function of a hypervisor in cloud computing?

- a) Managing virtual machines
- b) Encrypting cloud data
- c) Controlling network traffic
- d) Hosting web applications

Q.6 What does SLA stand for the cloud computing?

- a) Service Level Agreement
- b) Software License Agreement
- c) Security Level Agreement
- d) Storage Level Agreement

### SECTION-B

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

Q.7 Cloud computing offers \_\_\_\_\_ computing resources. (CO1)

Q.8 Name one example of a hybrid cloud service provider. (CO2)

Q.9 Which cloud deployment model is best for government and military organizations? (CO2)

Q.10 \_\_\_\_\_ allows multiple virtual machines to run on a single physical machine. (CO4)

Q.11 The full form of IaaS is \_\_\_\_\_. (CO2)

Q.12 \_\_\_\_\_ is responsible for managing cloud infrastructure and providing services. (CO3)

### SECTION-C

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

Q.13 Define cloud computing and mention its key characteristics. (CO1)

Q.14 Differentiate between Public Cloud and Private Cloud. (CO2)

Q.15 Explain the different types of SLA. (CO3)

Q.16 Describe the concept of a Storage Area Network (SAN) in cloud computing. (CO4)

Q.17 Discuss the security challenges in cloud computing. (CO4)

Q.18 What are the advantage of Virtualization? (CO4)

Q.19 What are some key characteristics of SaaS, PaaS, and IaaS? (CO2)