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**5th SEM / Computer Engg**  
**Subject : Cloud Computing**

Time : 3 Hrs.

M.M. : 100

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (10x1=10)

Q.1 SAN (CO-6)

- a) Storage Area Network
- b) Some Area Network
- c) System Area Network
- d) Second Area Network

Q.2 SaaS (CO-2)

- a) System as a Service
- b) Software as a Service
- c) Service as a Service
- d) None of the above

Q.3 SLA (CO-3)

- a) Software Level Agreement
- b) Service Level Agreement
- c) System Level Agreement
- d) Storage Level Agreement

Q.4 Process of creating a virtual version of something is called (CO-4)

- a) Cloud
- c) Virtualization
- b) Scheduling
- d) Grid

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- Q.5 FCFS is:-  
 a) First Can First Scheduling  
 b) Full Come Full Serve  
 c) First Come First Serve ✓  
 d) Full Cost Full Serve
- Q.6 Which of the following is not a cloud Service Provider.  
 a) Amazon  
 b) Microsoft  
 c) Google  
 d) None of above
- Q.7 API stands for.  
 a) Application Programming Interface ✓  
 b) Architecture Planning Interface  
 c) Apple Phone Interface  
 d) Amazon Planning Interface
- Q.8 AWS  
 a) Apple Web Services  
 b) Architecture Web Services  
 c) Amazon Web Services ✓  
 d) Advantage Web Services
- Q.9 Which cloud model is most secure:-  
 a) Public  
 b) Community  
 c) Hybrid  
 d) Private
- Q.10 IaaS is also called  
 a) Haas  
 b) Paas  
 c) Caas  
 d) Saas

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**SECTION-B**  
 Note: Objective type questions. All questions are compulsory. (10x1 = 10)

- Q.11 SMTP is \_\_\_\_\_ and \_\_\_\_\_ (CO-1)
- Q.12 Two types of Virtualization are \_\_\_\_\_ and \_\_\_\_\_ (CO-4)
- Q.13 Public cloud is most cost-effective (T/F) (CO-2)
- Q.14 Two cloud service Providers are \_\_\_\_\_ and \_\_\_\_\_ (CO-4)
- Q.15 VM stands for \_\_\_\_\_ (CO-7)
- Q.16 MLQ is \_\_\_\_\_ (CO-3)
- Q.17 Two types of SLA are \_\_\_\_\_ and \_\_\_\_\_ (CO-2)
- Q.18 PaaS is parameters as a service (T/F) (CO-1)
- Q.19 Cloud Computing is a form of outsourcing (T/F) (CO-2)
- Q.20 Vender lock-in is disadvantage of PaaS (T/F) (CO-2)

**SECTION-C**

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5 = 60)

- Q.21 Elaborate at least five advantages of Public cloud. (CO-2)
- Q.22 List various characteristics of Cloud Computing. (CO-1)
- Q.23 Define virtualization and its types. (CO-4)
- Q.24 Differentiate between static and dynamic scheduling. (CO-7)



- Q.25 Define Data leaks and its reasons of it. (CO-5)
- Q.26 Illustrate various advantages of virtual machine migration. (CO-4)
- Q.27 List five benefits of cloud storage. (CO-6)
- Q.28 Define scheduling problem with example. (CO-7)
- Q.29 Define SLA, what are its key components. (CO-3)
- Q.30 Differentiate between private and community cloud. (CO-2)
- Q.31 Explain PaaS and its advantages. (CO-2)
- Q.32 List various privacy and legal issues in cloud computing. (CO-5)
- Q.33 Define SAN what are its advantages. (CO-6)
- Q.34 Write a note on applications of cloud computing. (CO-1)
- Q.35 Define Hypervisor and its types. (CO-4)

### SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Explain cloud computing, what are its advantages and Disadvantages. (CO-1)
- Q.37 Explain various service models in detail. (CO-2)
- Q.38 Write a note on
- (A) Different types of scheduling. (CO-7)
  - (B) Cloud Storage (CO-6)







- Q.5 In scheduling, MLFQ is : (CO-7)
- Multiple level from Queue
  - Multi level full Queue
  - Multiple level full Queue
  - Multi level feedback Queue
- Q.6 Which of the following service is provided by google for online storage? (CO-7)
- Drive
  - Sky drive
  - Dropbox
  - All of the mentioned
- Q.7 Which cloud model is a combination of private and public cloud? (CO-3)
- Service
  - Community
  - Hybrid
  - Private
- Q.8 Which one of the following is a kind of technique that allows sharing the single physical instance of an application or the resources among multiple customers? (CO-9)
- Virtualization
  - Service oriented architecture
  - Grid computing
  - Utility computing
- Q.9 In order to participate in cloud computing, you must be using: (CO-9)
- Windows
  - Mac OS
  - Linux
  - All of the mentioned
- Q.10 Which of the following service provider provides the least amount of built insecurity? (CO-9)
- SaaS
  - PaaS
  - IaaS
  - All of the mentioned

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## SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1 = 10)

- SaaS stands for \_\_\_\_\_ (CO-2)
- Give full form of SAN. (CO-7)
- Private cloud is least secure. (T/F) (CO-8)
- Name any two cloud service provider. (CO-3)
- FCFS is a type of Scheduling in cloud (T/F) (CO-6)
- Community cloud is bigger than public cloud. (T/F) (CO-3)
- Name any two deployment models. (CO-3)
- Full form of IaaS is \_\_\_\_\_. (CO-2)
- AWS stands for \_\_\_\_\_. (CO-3)
- What is the name of Microsoft cloud? (CO-3)

## SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5 = 60)

- Discuss about evolution of cloud computing. (CO-1)
- Explain any five applications of cloud computing. (CO-1)
- Explain private cloud model along with its advantages. (CO-3)
- List various advantages and disadvantages of community cloud. (CO-3)
- Discuss different types of service level agreements. (CO-4)

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- Q.26 Explain SLA management process. (CO-4)
- Q.27 Give overview of virtualization. (CO-5)
- Q.28 Discuss in brief about different type of virtualizations. (CO-5)
- Q.29 Explain the concept of data security in cloud. (CO-8)
- Q.30 Discuss about infrastructure security in cloud computing. (CO-8)
- Q.31 Explain any five benefits of cloud storage. (CO-7)
- Q.32 Explain storage area networks. (CO-7)
- Q.33 Discuss scheduling problem in cloud. (CO-6)
- Q.34 Explain dynamic scheduling in cloud computing. (CO-6)
- Q.35 Explain about scheduling of independent and dependent tasks in cloud. (CO-6)

### SECTION-D

**Note:** Long answer type questions. Attempt any two out of three questions. (2x10=20)

- Q.36 Explain cloud computing? Write its characteristics and challenges. (CO-1)
- Q.37 Explain various service models in detail along with advantages and disadvantages of each model. (CO-2)
- Q.38 Explain different types of scheduling methods in cloud computing. (CO-6)

(Note: Course outcome/CO is for office use only)