

No. of Printed Pages : 4 120861  
Roll No. ....

**6th Sem / Branch : Computer Engg.  
Sub. : Distributed Computing**

Time : 3Hrs. M.M. : 100

**SECTION-A**

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

Q.1 Internet is compulsory for using Cloud computing Services. (T/F)

Q.2 SaaS stands for

- a) Software as a service
- b) Software as a scale
- c) Sorting as a service
- d) None of the mentioned above

Q.3 Which of these companies is not a leader in cloud computing?

- a) Google
- b) Amazon
- c) Blackboard
- d) Microsoft

Q.4 In cloud computing the client is on which end

- a) Front end
- b) Back end
- c) None of the above
- d) Both A and B

Q.5 If one site fails in distributed systems

- a) The remaining sites can continue operating

- b) All the sites will stop working
- c) Directly connected sites will stop working
- d) None of the above

Q.6 CRM stands for

- a) Consumer Retail Management
- b) Customer Retail Management
- c) Consumer Relationship Management
- d) Customer Relationship Management

Q.7 Which feature of cloud computing allow to add additional resources when as application load increases?

- a) Self-Service
- b) Per-Usage Metering and Billing
- c) Elasticity
- d) Customization

Q.8 SLA stands for \_\_\_\_\_.

- a) Service Level agreement
- b) Software Level agreement
- c) Service level agility
- d) Software level agility

Q.9 Web Browser is used for

- a) Front end
- b) Back end
- c) Security
- d) Management

Q.10 Using cloud services is cost effective (True/False)

### **SECTION-B**

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

Q.11 Full form of Amazon AWS is \_\_\_\_\_.

Q.12 The name of Microsoft Cloud service is \_\_\_\_\_.

Q.13 VPN stands for \_\_\_\_\_.

Q.14 Define cluster.

Q.15 Define virtual Machine.

Q.16 Give meaning of cloud computing.

Q.17 Mixture of public and private cloud is called \_\_\_\_\_

Q.18 Which service model is used for Software Application?

Q.19 Write one characteristic of Cloud computing.

Q.20 Give meaning of service model.

### **SECTION-C**

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

Q.21 Define Utility computing. Write properties of utility computing.

Q.22 Give the key features of ubiquitous computing.

Q.23 State grid computing and how does it work?

Q.24 Write some applications of cloud computing.

Q.25 Write challenges in cloud computing.

Q.26 Define cloud computing. Write some benefits of cloud computing.

Q.27 Give difference between hardware and software virtualization.

Q.28 Write advantages of peer to peer computing.

Q.29 Why security in private cloud is better than public cloud.

Q.30 Give some real life examples of Software as a service.

Q.31 Define Virtual organization. State some characteristics of Virtual organization.

Q.32 Give characteristics of Platform as a service.

Q.33 Explain Virtual machine and hypervisor.

Q.34 Write advantages of grid computing.

Q.35 Write about scalability and any time/any where feature of Cloud computing.

### **SECTION-D**

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

Q.36 Explain it detail about grid, cluster and cloud computing with characteristics.

Q.37 Give difference between Saas, Paas and Iaas service models in cloud computing.

Q.38 Explain various deployment models in detail in cloud computing.