

No. of Printed Pages : 4
Roll No.

180854A/170854A

Computer Engineering
Subject:- Cloud Computing

Time : 3Hrs.

M.M. : 100

SECTION-A

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

Q.1 Which of the following are the features of cloud computing? (CO9)

- a) Security
- b) Scalability
- c) Large Network Access
- d) All of the mentioned

Q.2 Cloud computing is an abstraction based on the notion of pooling physical resources and presenting them as a _____ resource. (CO9)

- a) Real
- b) Virtual
- c) Cloud
- d) None of the mentioned

Q.3 Which of the following is not a property of cloud computing? (CO9)

- a) Virtualization
- b) Composability
- c) Scalability
- d) all of the mentioned

Q.4 Which of the following service is provided by Google for online storage? (CO7)

- a) Drive
- b) Sky drive
- c) Dropbox
- d) All of the mentioned

Q.5 In Scheduling, MLFQ is : (CO6)

- a) Multiple Level Form Queue
- b) Multi Level Full Queue
- c) Multiple Level Full Queue
- d) Multi Level Feedback Queue

Q.6 Which of the following subject area deals with pay-as-you-go usage model? (CO2)

- a) Accounting Management
- b) Compliance
- c) Data Privacy
- d) All of the mentioned

Q.7 Which one of the following is a kind of technique that allows sharing the single physical instance of an application or the resource among multiple customers? (CO5)

- a) Virtualization
- b) Service-oriented Architecture
- c) Grid Computing
- d) Utility Computing

Q.8 In order to participate in cloud computing, you must be using: (CO9)

- a) Linux
- b) Mac OS
- c) Windows
- d) All of the mentioned

Q.9 Through which one of the following models, SaaS supports multiple users and offers a shared data model? (CO1)

- a) Single-tenancy
- b) Multiple-instance
- c) Multi-tenancy
- d) None of the mentioned

Q.10 Storing and accessing data over the internet is called (CO1)

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

SECTION-B

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

- Q.11 Public cloud is most secure.(True/False) (CO8)
- Q.12 PaaS stands for _____. (CO2)
- Q.13 Private cloud is bigger than public cloud.(True/False) (CO3)
- Q.14 Name any two cloud service providers. (CO3)
- Q.15 FCFS is a type of scheduling in cloud. (True/False) (CO6)
- Q.16 AWS stands for _____. (CO3)
- Q.17 SAN stands for _____. (CO7)
- Q.18 Name any two deployment models. (CO3)
- Q.19 What is name of Amazon cloud? (CO3)
- Q.20 Azure cloud platform is provided by _____ (CO3)

SECTION-C

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

- Q.21 Discuss about evolution of cloud computing. (CO1)
- Q.22 Explain any five characteristics of cloud computing. (CO1)
- Q.23 Explain IaaS model along with its advantages.(CO2)
- Q.24 List various advantages and disadvantages of SaaS service model. (CO2)
- Q.25 Give overview of service level agreement. (CO4)
- Q.26 Explain SLA life cycle along with suitable block diagram. (CO4)

Q.27 Discuss in brief about different types of virtualization. (CO5)

- Q.28 Define hypervisor. Explain different types of hypervisors. (CO5)
- Q.29 Discuss about infrastructure security in cloud computing. (CO8)
- Q.30 Explain about various legal issues in cloud computing. (CO8)
- Q.31 Discuss storage as a service. List various benefits of cloud storage. (CO7)
- Q.32 Explain storage area networks. (CO7)
- Q.33 Describe scheduling problem in cloud. (CO6)
- Q.34 Discuss about scheduling of independent and dependent tasks. (CO6)
- Q.35 Explain static scheduling in cloud. (CO6)

SECTION-D

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

- Q.36 Explain cloud computing. Write its applications and benefits. (CO1)
 - Q.37 Explain various deployment models in detail. Discuss which model is best for private organization and why? (CO3)
 - Q.38 Explain different types of scheduling in cloud computing. (CO6)
- (Note:** Course outcome/CO is for office use only)