



Mavinayya

Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University Estd. u/s 3 of UGC Act 1956, Category 'A' by MHRD)
Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12B
Coimbatore - 641 043, Tamil Nadu, India

Continuous Internal Assessment Test I-

VSEMESTER

Class : III UG
Major : Computer Science

Time: 2 hours
Maximum Marks: 60

21BCSC22 Cloud Computing

Course Outcomes:

1. Understand the cloud computing paradigm and its importance.
2. Become familiar with cloud architecture, services and deployment models.
3. Become familiar with service-level agreements and cloud storage.
4. Adequate knowledge of cloud security.
5. Explore some important cloud computing-driven commercial systems.

Part-A

6x1=6

Choose the correct answer

1. Which of the following is true about cloud computing? CO4K1
 - a. Cloud computing is platform-dependent
 - b. Cloud computing makes business applications mobile and collaborative
 - c. Cloud computing provides us with means of accessing the resources as utilities over network
 - d. Cloud computing is a technology that offers free services on the Internet.
2. Which among the following is the cloud platform of Microsoft? CO4K1
 - a. Azure
 - b. AWS
 - c. Cloudera
 - d. VMware
3. The _____ is a software that enables underlying physical hardware to be shared with multiple virtual machines. CO3K3
 - a. SOA
 - b. Hypervisor
 - c. Cloud OS
 - d. Cloud provision
4. Choose the IaaS cloud service provider among the following. CO5K3
 - a. EC2
 - b. Engine Yard
 - c. Heroku
 - d. ADP
5. Which of the following denotes the performance contract negotiated between you and a service provider? CO4K1
 - a. Cloud IAM
 - b. SLA
 - c. OLA
 - d. GCE
6. The largest provider of _____ CRM software is Salesforce.com. CO4K1
 - a. SaaS
 - b. PaaS
 - c. IaaS
 - d. Stas

Part-B

3x6=18

Answer ALL Questions

Each answer should not exceed 400 words or two pages

7. a. Elucidate the characteristics of cloud computing CO2K2
(or)
7. b. Compare cloud computing with other computing paradigms. CO2K3
8. a. Compare client-server architecture and cloud computing architecture. CO2K3
(or)
8. b. Write short notes on virtualization. CO2K2
9. a. What are the types and components of a Service Level Agreement? CO3K2
(or)
9. b. Name a few major cloud service providers and their cloud products CO3K2

Part-C

3x12=36

Answer ALL questions

Each answer should not exceed 800 words or four pages

10. a. Elaborate on the benefits, limitations and challenges in cloud computing. CO2K3
(or)
10. b. Explain in detail the NIST cloud computing architecture with a neat diagram. CO2K3
11. a. Discuss the characteristics, pros and cons of IaaS models. CO2K2
(or)
11. b. Discuss the characteristics, pros and cons of PaaS models. CO2K2

12. a. Describe in detail public and private cloud deployment models focusing on characteristics, suitability, pros and cons. CO2K2

(or)

12. b. Describe in detail hybrid and community cloud deployment models focusing on characteristics, suitability, pros and cons. CO2K2

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Faculty- in-charge: Dr.B. Sarojini, Mrs.Divya

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A 60
S 65