



K. Sambath

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 II – OCTOBER 2024
V SEMESTER

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. What is a data breach in the context of cloud security? CO4K2
 - a. Leaking weather forecasts
 - b. Unauthorized access to sensitive information
 - c. Sharing memes on social media
 - d. Cloud server maintenance
2. The data that remains after deletion, which creates a risk is _____ CO4k2
 - a. Data remanence
 - b. data purging
 3. data at rest
 4. data provenance
3. How does a Distributed Denial of Service (DDoS) attack affect cloud services? CO4K2
 - a. It boosts cloud performance
 - b. It enhances data encryption
 - c. It overloads cloud servers, causing service disruption
 - d. It improves data accessibility
4. What is the Shared Responsibility Model in cloud security? CO4K4
 - a. Sharing cloud access with multiple users
 - b. Sharing cloud resources with other companies
 - c. A framework outlining the division of security responsibilities between cloud providers and users
 - d. Sharing cloud data with external parties
5. What is the focus of developers when using Google App Engine? CO5K2
 - a. Infrastructure optimization
 - b. Managing server instances
 - c. Building and deploying applications
 - d. Database administration
6. IAM uses _____ facility to allow users to authenticate their identity with one portal instead of many different resources. CO5K2
 - a. Single Sign-On
 - b. Oauth
 - c. Encryption
 - d. SAML

Part- B

3x6=18

Answer ALL Questions

7. a. What are the various hardware scaling methods in Cloud Computing CO3K3
(or)
7. b. Write about cloud economics. CO3K3
8. a Appraise on the jurisdictional issues raised by data location in cloud CO4K4
(or)

8. b. Elaborate on the data privacy challenges in Cloud Computing. CO4K4
9. a. Evaluate the services provided by Google App Engine. CO5K5
(or)
9. b. Evaluate the Services provided by MicroSoft Azure. CO5K5

Part-C
Answer ALL questions

3x12=36

10. a. Analyze the Application-level security in cloud. CO3K3
(or)
10. b. Analyze the Network level security in cloud. CO3K3
- 11.a. Analyze the Host level security in cloud. CO4K4
(or)
- 11.b. Discuss in detail about IAM and its components. CO4K4
- 12.a. Summarize the working of Amazon EC2 type of Cloud Service Model. CO5K5
(or)
- 12.b. Explain Eucalyptus cloud architecture. CO5K5

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Staff in-charge: Dr. B. Sarojini, Mrs.Divya.D

G#39-(27)

Aided - 60

S.F - 65