



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

Continuous Internal Assessment - II October 2025

Semester V

Class : III UG (2022 Repeaters)
Major: Computer Science

Time: 2 hours
Max.Marks:60

21BCSC22 – Cloud Computing

Course Outcomes:

- CO1. Understand the cloud computing paradigm and its importance.
- CO2. Analyze components of cloud computing and understand how business agility in an organization can be created.
- CO3. Critique the consistency of services deployed from a cloud architecture.
- CO4. Compare and contrast the economic benefits delivered by various cloud models based on application requirements, economic constraints and business requirements.
- CO5. Explore some important cloud computing driven commercial systems.

Part A

(6x1 = 6)

Answer all questions

1. Cloud _____ security is the practice of securing resources deployed in a cloud environment and supporting systems. CO3K1
a. Scalability b. Storage c. Security d. Auditing
2. The data that remains after deletion, which creates a risk is _____ CO4K1
a. Data remanence b. data purging 3.data at rest 4.data provenance
3. Which of the following is key mechanism for protecting data? CO4K2
a. Access control b. Auditing c. Authentication d. All of the mentioned
4. IAM uses _____ facility to allow users to authenticate their identity with one portal instead of many different resources. CO4K1
a. Single Sign-On b. Oauth c. Encryption d. SAML
5. Google App Engine falls in the category of _____ CO5K1
a. IaaS b. SaaS c. PaaS d. Haas
6. Amazon _____ is the key component of Amazon's cloud computing architecture CO5K1
a. EC2 b. Cloud c. cloud d. Slit

Part B

Answer all questions

(3 x 6 = 18)

Each answer should not exceed 400 words or two pages

7. a. Write short notes on economics of scaling. CO3K2
(Or)
b. What is scalability in cloud? Explain in brief. CO3K2
8. a. Explain in brief the infrastructure network level security measures. CO4K2
(Or)
b. What are the jurisdictional issues raised by data location? Explain in brief. CO4K2
9. a. How to secure data in the cloud? Explain in brief. CO5K2
(Or)
b. Explain in brief I the different services offered by Microsoft Azure. CO5K2

Part C

Answer all Questions

(3 x 12 = 36)

Each answer should not exceed 800 words or four pages

10. a. Discuss cloud economics in detail. CO3K2
(Or)
b. Elaborate on security issues in cloud. CO4K2
11. a. Discuss in detail host level security. CO4K2
(Or)
b. Explain in detail about IAM and its components. CO4K2