



QP CODE: 26019169



26019169

Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, MARCH 2026

Fourth Semester

MSc CYBER FORENSICS

ELECTIVE - CF810402 - CLOUD ARCHITECTURES AND SECURITY

2019 Admission Onwards

0E6A7A9C

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Explain any 5 advantages of IaaS.
2. What is virtualization?
3. Define data security in cloud computing.
4. Write any 2 disadvantages of cloud computing.
5. What is confidentiality in security cloud?
6. Describe the importance of user authentication in PaaS.
7. What does multi-tenancy mean in computing?
8. What are the challenges of multi-tenancy?
9. What is the importance of ITIL Framework in cloud security?
10. What is security and access control in cloud?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Write any 6 benefits of cloud architecture.
12. Explain WSDL and SOAP.
13. Differentiate between AWS, Azure and Google cloud?
14. What is the need of security concepts in cloud computing?





15. Explain a) Paas a) laas a) Saas
16. Explain briefly about virtualization vulnerabilities, security issues and its solutions.
17. Define IaaS availability in the cloud .
18. Explain the difference between asymmetric and symmetric encryption.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Explain cloud computing in detail.
20. Describe about cloud service models and cloud deployment models.
21. Explain security concepts in cloud.
22. What is virtualization security? Differentiate between EXS and EXSi security.

(2×5=10 weightage)

