



QP CODE: 25024436



25024436

Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, APRIL 2025

Fourth Semester

MSc CYBER FORENSICS

ELECTIVE - CF810402 - CLOUD ARCHITECTURES AND SECURITY

2019 ADMISSION ONWARDS

6A23322E

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. What are the benefits of cloud computing?
2. Explain about hypervisor.
3. What is SOA?
4. Write briefly about Amazon AWS.
5. What are the basic security concepts?
6. Define a) PaaS b) SaaS c)IaaS
7. What is Hypervisor?
8. What does EXS mean?
9. Briefly explain a)ITIL b)ISO27001/27002
10. Define IaaS availability in the cloud .

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Detailed Explanation of SaaS.
12. Discuss in detail about data security, mobility and backup in cloud computing.
13. Describe about cloud deployment models.
14. Write a short note on privacy, non repudiation ,defence in depth in security concepts.
15. Describe the importance of user authentication in SaaS.





16. What are the issues in cloud computing lead to virtualization?
17. Define access control in cloud and control statements.
18. Describe various aspects of data security.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Make a detailed note on Cloudtypes(private,public,hybrid).
20. What is cloud computing? What are the main advantages and disadvantages of cloud computing? Discuss in detail.
21. How security concepts apply in cloud computing?
22. Explain about multi-tenancy issues.

(2×5=10 weightage)

