

CSM54 Cloud Computing

607

REG. NO

OCTOBER 2021

Time: Three hours

Maximum Marks: 75

- Note:
1. Answer ALL the questions in PART-A (1 mark each)
 2. Answer any ONE question from each unit in PART-B (3 marks each)
 3. Answer any ONE question from each unit in PART-C (10 marks each)
 4. The question paper contains TWO Pages

PART-A (1x10=10)

1. What is cloud computing?
2. What are the limitations of cloud computing?
3. What is SPI?
4. State any two service providers of IaaS.
5. What is virtualization?
6. Define Desktop Virtualization.
7. What is storage Network?
8. What is FCIP?
9. What are the key mechanism for securing data?
10. Define Storage location.

PART-B (3x5=15)

UNIT-I

11. Discuss cloud components.
12. Explain regulatory issues.

UNIT-II

13. What is Amazon EC2?
14. Write about cloud delivery model.

UNIT-III

15. Write a short note on thin client.
16. State the types of Hardware virtualization.

UNIT-IV

17. Write note on iSCSi.
18. Write on block level storage virtualization.

UNIT-V

19. Explain virtualization management roles.
20. Write about security policy types.

607

PART-C (10x5=50)

UNIT-I

21. (a) Write short notes on origins of cloud computing. [5]
- (b) Explain briefly security concerns of cloud computing. [5]
22. Explain the essential characteristics of cloud computing.

UNIT-II

23. Explain in detail about the types of cloud deployment model.
24. Discuss the operational and economics benefits of SaaS.

UNIT-III

25. Explain in detail the various aspects for the need of virtualizations in cloud computing.
26. Write short notes on:
 - (i) Software virtualizations. [5]
 - (ii) Network virtualizations. [5]

UNIT-IV

27. Explain storage network analysis, planning and design considerations.
28. Explain in detail about object storage.

UNIT-V

29. Explain the CSA cloud reference model.
30. (i) What is the goal of encrypted cloud storage? [5]
- (ii) Write short notes on virtual threats. [5]
