APRIL 2026

53509/320E5D/ 325E6D/327E5D/ 341E5D/326E5D

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Write down two characteristics of cloud computing.

2. Define virtualization.

3. What is scalability?

4. What are the key features of Amazon EC2?

5. Define the term bucket.

6. Write about IaaS.

7. What is meant by model view controller?

8. Write down any two characteristics of workload.

9. Define CSA.

10. What is auditing?

11. List any two advantages of using cloud computing in education.

12. What are the benefits of using cloud computing in the healthcare sector?

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Briefly discuss about the Software Defined Networking.

14. Explain the Amazon Dynamo DB.

15. Describe about the Google map reduce service.

16. Discuss about the Service Oriented Architecture.

17. What is meant by benchmarking? Explain the steps of benchmarking.

18. Write short note on authentication and authorization.

19. How does cloud computing support the energy sector? Explain.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Elaborate the scalability and elasticity.

21. Explain the cloud storage and windows Azure store.

22. Describe the IaaS, PaaS, SaaS.

23. How to secure data in cloud computing? Explain.

24. Discuss the benefits of transportations systems in cloud computing.

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