

TB244784M

Reg. No :

Name :

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, MARCH 2024

2022 ADMISSIONS REGULAR

SEMESTER IV - CORE COURSE BCA (Cloud Technology and Information Security Management)

BCA4B15B18 - Introduction to Cloud Technology

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. How Lock in differ from Isolation Failure?
2. Explain any four merits of cloud computing.
3. If you were a member of the IT team in a large organisation and were asked to make a list of potential cloud vendors whom would you choose and why?
4. Write a note on Modernization in Cloud Migration.
5. Does the cloud application or platform have the ability to seamlessly integrate into the existing tools and processes of the enterprise or the user? Illustrate.
6. Write a note on Service Level Agreement.
7. Define SLA.
8. Define Total cost of Ownership. Explain.
9. Define Indemnification.
10. Differentiate between Geographic and Industry Compliance in the cloud.
11. Differentiate the responsibilities of UI designer and UX designer.
12. Discuss the responsibilities of a cloud software engineer.

Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Write the benefits of Hybrid and Community Cloud.
14. Differentiate between SAAS and PAAS. Write its disadvantages.
15. Explain AWS S3 bucket in detail.
16. Explain the steps for creating an instance in AWS.
17. Difference between traditional applications and cloud based applications
18. Explain Contingency and recovery management in a cloud solution.
19. Write the importance of Public Cloud Governance.
20. Explain the significance of legal risks and considerations in cloud .
21. Explain the key application of Cloud Computing in Education. Discuss its Pros and cons.

Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. Explain the Deployment Models in cloud? Write the advantages and disadvantages .
23. Explain the steps for hosting a website in AWS.
24. Explain the considerations for Selecting a Cloud Solution.
25. Explain in detail about why SPOT framework of cloud governance enables easy understanding of how cloud governance can be established in an organisation.

