

**TB214720W**

**Reg. No : .....**

**Name : .....**

**BCA DEGREE (C.B.C.S.) EXAMINATION, MARCH 2023**

**(2021 Admissions Regular, 2020 Admissions Supplementary / Improvement, 2019 & 2018 Admissions Supplementary)**

**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. "SAAS requires minimal hardware ".Explain.
2. Explain any four merits of cloud computing.
3. Explain the importance of S3 bucket in AWS.
4. Define Refactoring.
5. Briefly explain the Risk mitigation methodology for cloud computing.
6. Define SLA.
7. Write a short note on Rightsizing.
8. Write a short note on Integration and security in Cloud Environments.
9. Name any four Organisations and Groups that Focus on Addressing Standards Issues in Cloud.
10. Define Indemnification.
11. Discuss the responsibilities of a cloud software engineer.
12. Write the checklist for helping the organizations to choose their best cloud vendor.

**Part B**

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

**(6x5=30)**

13. Difference between Hybrid and Community Cloud.
14. Explain the obstacles of Cloud Technology.
15. "Migration of cloud is a critical challenge for both - organizations as well as to the cloud service providers". Justify the Statement.
16. Explain AWS S3 bucket in detail.
17. Differentiate between On -premises Solution and Cloud based solutions.
18. Difference between traditional applications and cloud based applications
19. Write a short note on Private Cloud Governance.
20. Explain the significance of legal risks and considerations in cloud .
21. Discuss the Cloud Career Opportunities in Front End.

**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. Write an essay about the procedure and risks for Migrating to the Cloud environment.

24. Explain the seven significant criteria's for selecting the right cloud computing solution for your business needs.
25. Explain in detail about why SPOT framework of cloud governance enables easy understanding of how cloud governance can be established in an organisation.