

TB174710C

Reg. No:

Name:

BCA DEGREE (C.B.C.S.S) EXAMINATION, MARCH 2019
(2017 Admissions Regular, 2016 Admissions Improvement/Supplementary)
SEMESTER IV- CORE COURSE
(CLOUD TECHNOLOGY AND INFORMATION SECURITY MANAGEMENT)
CA4B08TB – INTRODUCTION TO CLOUD TECHNOLOGY

Time: Three Hours

Maximum Marks: 80

PART A

I Answer all questions. Each question carries 1 mark.

1. List 4 attributes of cloud computing
2. Expand the terms (i) CRM, (ii) ERP, (iii) HCM.
3. The market leader in offering IAAS solutions is _____.
4. What is SLA?
5. Define Cloud Governance.
6. List out three services provided by AWS.

(6x1=6)

PART B

II Answer any seven questions. Each question carries 2 marks

7. What are the essential characteristics of cloud computing?
8. What is Microsoft BizSpark?
9. What are the different broad approaches to migrating to cloud?
10. What are the common risks associated with different types of cloud service delivery model?
11. Distinguish between Cloud and Licensed Software vendors?
12. What do you mean by the terms 'Up-scaling' and 'Downsizing'?
13. Briefly explain about any 4 leading cloud service providers.
14. Explain the encryption solutions used for data security
15. Discuss the necessity for having a contingency plan for Cloud business models.
16. Explain cloud governance solutions.

(7x2=14)

PART C

III Answer any five questions. Each question carries 6 marks

17. Explain cloud computing architecture with help of a neat diagram.
18. Write a note on Web based Business Services.
19. Explain in detail Seven Step Model of Migration into cloud with a neat diagram?
20. Explain in detail Cost benefit analysis and how it enables cost cuttings in cloud.
21. Write a note on the best practices of cloud implementation.

22. Differentiate between Phased in and Flash cut approaches.
23. Discuss different practices to avoid in cloud computing.
24. Write a short note on applications of cloud computing in various sectors.

(5x6=30)

PART D

IV Answer any two questions. Each question carries 15 marks

25. Explain the different types of cloud deployment models with neat diagram
26. Explain in detail Risk management in cloud computing?
27. Describe the important considerations to be made for selecting a cloud solution or cloud service provider.
28. Write a note on the following: (i) SPOT Framework (ii) Cloud contracting models (iii) Data Privacy and Security issues.

(2x15=30)