Reg. No ....   Name ....

BCA DEGREE END SEMESTER EXAMINATION - MARCH 2020
SEMESTER 4 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY
COURSE : **16U4VCBCA1: INTRODUCTION TO CLOUD TECHNOLOGY**

(Common for Regular 2018 Admission and Improvement / Supplementary 2017/2016 Admissions)

Time : Three Hours   Max. Marks: 75

Section A
Answer All (1 marks each)

1.   What is AWS?
2.   What is the need of Measured service?
3.   List the different service models of Cloud computing?
4.   Which concept is used for Refactoring approach?
5.   Define Cloud risk mitigation?
6.   Define the term 'hosted applications'?
7.   What is the guranteed uptime promised by cloud service providers?
8.   What is the significance of operations team in cloud governance?
9.   What is standard contract model?
10.   What is the use of Cassatt tool?

(1 x 10 = 10)

Section B
Answer any 8 (2 marks each)

11.   What do you mean by service arbitrage?
12.   Write short note on IBM Cloud and Oracle Cloud?
13.   What are the common applications that can be hosted in the cloud?
14.   List the benefits derived by SmugMug after migrating into cloud?
15.   What are the common areas of the cloud that shows the possibility of compromised data?
16.   List the key advantages that cloud computing over licensed software vendor?
17.   Write short note on Elastic Load Balancing?
18.   Explain about the Data protection laws in India?
19.   Explain about Financial controls and API integration?
20.   What is the need of contingency plan?

(2 x 8 = 16)

Section C
Answer any 5 (5 marks each)

21.   List the major challenges of cloud computing?
22.   Explain about merits and applications of cloud computing?
23.   Elaborate on Seven step model of migration into cloud?

24. Explain about five steps that define the framework for migrating into the cloud?

25. Write short note on software stack and storage?

26. Write short note on Cost benefit analysis?

27. Write short note on different types of compliance issues?

(5 x 5 = 25)

Section D
Answer any 2 (12 marks each)

28. Explain in detail about the NIST Cloud Architecture with a neat diagram?

29. Discuss in detail about the different types of risk in cloud computing?

30. Illustrate on cost cutting and cost benefit analysis?

31. Explain in detail about Cloud governance for different delivery models?

(12 x 2 = 24)