

ROLL NO. _____

ENROLLMENT NO. _____

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Examination: Even Semester Examination 2023

Course Name: Cloud Computing
Time: 3 Hours

Paper Code: BTCSE MOOC 2
Maximum Marks: 75

SECTION: A (35 Marks)

All questions are compulsory

7x5=35

Q.No.	Questions	CO	BL
1	An important functionality of multi cloud is to manage the deployments on various clouds. What are the management softwares of multi cloud?	1	2
2	If anyone wants to establish a company then what can be the selection criteria to choose the public cloud? Deliberate in detail.	3	3
3	What are the key characteristics of cloud, fog and edge computing?	3	2
4	Explain brief note on Google's cloud storage.	4	3
5	What is the need for Migration in the cloud? Explain broad approaches of Migrating into a Cloud?	3	4
6	Explain the three main types of cloud security services and how they can benefit your business.	3	3
7	Briefly explain all the components of cloud computing architecture with design.	2	3

SECTION-B

Attempt any Four Questions.

(10x4=40 Marks)

Q.No.	Questions	CO	BL
1	What are the benefits and limitations of Serverless computing. Explain AWS Lambda Faas Model.	3	2
2	Explain the Virtual Machine(VM) provisioning process. Describe the life cycle of a VM within OpenNebula	2	3
3	What are the recent research trends in cloud computing and fog computing?	5	3
4	What are the benefits and best practices of Cloud data management. Give some real-world examples of successful cloud data management.	4	2
5	Mention a few Cloud resource management policies. Mention what are some of the challenges that an organization might have to face while incorporating CRM?	5	4
6	Explain any two Cloud scheduling algorithms.	3	3