



End Semester/Reappear (Semester V) Examination December, 2024

Programme: BCA

Course: Cloud Computing

Course Code: 3PCCCS201

Enrolment no. _____

Full Marks: 70

Time: 3 Hrs.

Q. No.	Questions	CO	Bloom Taxonomy Category	Marks
Section I				
1	Short Answer type questions			4 x 5 = 20
a	Why is a Data Centre Footprint Important?	CO1	Evaluate	
	or			
b	Name Top leading cloud computing companies.	CO1	Remember	
	or			
c	Express QRM.	CO2	Understand	
	or			
d	Discuss private cloud.	CO2	Understand	
	or			
	Prepare EC2 status check.	CO3	Apply	
	or			
	Choose EC2 pricing.	CO3	Apply	
	or			
	Sketch qubits.	CO4	Apply	
	or			
	Compare encryption and decryption.	CO4	Understand	
Section II				
Long Answer type questions				
2	Compare the advantages and disadvantages of multi-cloud cloud.	CO2	Understand	3 x 10 = 30
	or			
3	Illustrate the advantages and disadvantages of community cloud.	CO2	Apply	
	or			
4	Discuss the benefits of Virtualization.	CO1	Understand	
	or			
5	Discuss SAN. What are its advantages?	CO1	Understand	
	or			
	Explain why EC2 instance metadata is important for applications running on EC2 instances.	CO3	Understand	
	or			
	Differentiate between elastic block storage and instance storage.	CO3	Analyze	
Section III				
Application based questions				
5	Differentiate between Symmetry Cryptography and Asymmetric Cryptography. What are the three stages of quantum cryptography algorithm? Explain.	CO4	Analyze	1 x 20 = 20
	or			
	Briefly introduce the concept of quantum cryptography. Explain how it differs from classical cryptography.	CO4	Analyze	

COURSE OUTCOME

At the end the course the candidate will able to

CO1: Explain the core concepts of the cloud computing paradigm.

CO2: Apply fundamental concepts in cloud infrastructures to understand the trade-offs in power, efficiency and cost

CO3: Illustrate the fundamental concepts of cloud storage and demonstrate their use in storage systems such as Amazon.

CO4: Analyse various security and privacy concern of cloud programming models and apply them to solve problems on the cloud.