R18

ANURAG Engineering College
(An Autonomous Institution)
IV B.Tech I Semester Supplementary Examinations, April – 2024
CLOUD COMPUTING
(COMPUTER SCIENCE AND ENGINEERING)

Time: 3 Hours   **Max. Marks: 75**

Section – A (Short Answer type questions)   (25 Marks)
Answer All Questions

		Course Outcome	B.T Level	Marks
1.	What are peer-to-peer network families? Explain.	CO1	L1	2M
2.	Explain design objectives of computer clusters.	CO1	L2	3M
3.	What is data center virtualization?	CO2	L1	2M
4.	How does virtualization can be implemented in hardware level? Explain.	CO2	L1	3M
5.	What is trust management in cloud computing?	CO3	L1	2M
6.	Compare the GAE, AWS, and Azure.	CO3	L2	3M
7.	How does Google App Engine support modern web application?	CO4	L1	2M
8.	Difference between cloud computing and programming.	CO4	L2	3M
9.	List the applications of grid computing.	CO5	L1	2M
10.	What is grid as a service? Explain.	CO5	L2	3M

Section B (Essay Questions)
Answer all questions, each question carries equal marks.   **(5 X 10M = 50M)**

			Course Outcome	B.T Level	Marks
11.	A)	Explain the Distributed system Models and Enabling Technologies.	CO1	L2	10M
		OR			
	B)	Discuss the System Models for Distributed and Cloud Computing.	CO1	L3	10M
12.	A)	Illustrate the Virtual Clusters and Resource Management.	CO2	L3	10M
		OR			
	B)	Describe the Architectural Design of Compute and Storage Clouds.	CO2	L3	10M
13.	A)	Explain the data-Center Design and Interconnection Networks.	CO3	L3	10M
		OR			
	B)	Illustrate the Cloud Security and Trust Management.	CO3	L3	10M
14.	A)	Discuss the Parallel and Distributed Programming Paradigms.	CO4	L3	10M
		OR			
	B)	Elaborate the Microsoft Azure Services platform.	CO4	L3	10M
15.	A)	Describe the Grid Architecture and Service Modeling.	CO5	L3	10M
		OR			
	B)	Explain the Grid Application Trends and Security Measures in cloud computing.	CO5	L3	10M