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Gandhi Institute of Engineering and Technology University, Odisha, Gunupur (GIET University)



B. Tech (Fifth Semester - Regular) Examinations, November – 2024

22BCSPE35011- Cloud Computing

(Computer Science and Engineering)

Time: 3 hrs

Maximum: 70 Marks

Answer ALL questions

(The figures in the right hand margin indicate marks)

PART – A

(2 x 5 = 10 Marks)

Q.1. Answer **ALL** questions

	CO #	Blooms Level
a. Discuss the taxonomy of Distributed system.	CO1	K2
b. Explain the various cloud applications.	CO2	K3
c. Discuss the various components of Virtualization.	CO2	K4
d. Discuss the various stages of data security Lifecycle.	CO4	K3
e. Discuss the different advantages of SLA.	CO3	K2

PART – B

(15 x 4=60 Marks)

Answer **ALL** the questions

	Marks	CO #	Blooms Level
2. a. Discuss the various types of storage Virtualization.	8	CO1	K2
b. Discuss characteristics of Distributed System.	7	CO2	K3
(OR)			
c. Discuss the Deployment and Service Models of Cloud Computing.	8	CO3	K4
d. Describe various types of Server virtualization.	7	CO2	K3
3.a. Discuss the various challenges of Cloud Computing.	8	CO1	K2
b. Describe various types of Network virtualization.	7	CO2	K3
(OR)			
c. Explain the various characteristics of cloud computing.	8	CO1	K2
d. Discuss the deployment model challenges in Cloud computing Security.	7	CO4	K4
4.a. Describe with figure the CloudSim Architecture.	8	CO3	K4
b. Discuss the SLA Life Cycle with diagram?.	7	CO2	K3
(OR)			
c. Discuss the different Cloud Economics laws.	8	CO3	K2
d. Discuss the service model challenges in Cloud computing Security.	7	CO4	K3
5.a. Discuss the security measures taken to implement the security of cloud services.	8	CO4	K4
b. Discuss the prominent features of Cloud Computing.	7	CO2	K3
(OR)			
c. Discuss the sub areas of secure cloud requirements.	8	CO4	K4
d. Discuss the different task Scheduling Algorithms in Cloud Environment.	7	CO3	K3

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