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GIET UNIVERSITY, GUNUPUR - 765022

B. Tech (Fifth Semester Regular) Examinations, December - 2023

21BCSPE35001 - Cloud Computing

(CSE)

Time: 3 hrs

Maximum: 70 Marks

(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. What do you mean by TYPE -1 and TYPE -2 hypervisors?	CO1	K1
b. Distinguish Private and Public Cloud with examples.	CO1	K4
c. Write a short notes on Inter Cloud Resource Management.	CO2	K1
d. Discuss the various disaster recovery plans.	CO3	K2
e. Discuss different types of resource provisioning in cloud management policy	CO4	K2

PART – B

(15 x 4 = 60 Marks)

Answer **ALL** questions

	Marks	CO #	Blooms Level
2. a. Explain the different deployment models of Cloud.	7	CO1	K2
b. Explain the role of Hypervisor in Virtualization and its types.	8	CO1	K2
(OR)			
c. Explain the different challenges in Cloud Computing.	7	CO1	K2
d. Illustrate Memory Virtualization..	8	CO1	K2
3.a. Discuss in detail about Layered Cloud Architecture Development.	8	CO2	K2
b. Describe Technologies and the processes required when deploying web services.	7	CO2	K2
(OR)			
c. Explain with diagram global exchange of cloud exchange.	8	CO2	K2
d. Explain the challenges in cloud provisioning.	7	CO2	K2
4.a. Describe various issues of security of services deployed from the cloud.	8	CO3	K2
b. Discuss the various strategies for fault tolerance in cloud management policy.	7	CO3	K2
(OR)			
c. Discuss different techniques for assets management of resources.	8	CO3	K2
d. Explain economic constraints and business needs with respect to Amazon, Microsoft and Google, Salesforce.com, Ubuntu and Redhat.	7	CO3	K2
5.a. Explain the different secure cloud requirements.	7	CO4	K2
b. Discuss the policy implementation in cloud security.	8	CO4	K2
(OR)			
c. Explain the network challenges in cloud environment.	7	CO4	K2
d. Discuss different service model challenges.	8	CO4	K2

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