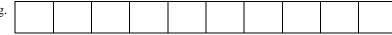
Reg. No





QP Code: RD21BTECH323

GIET UNIVERSITY, GUNUPUR - 765022

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

21BCSPE35001 - Cloud Computing

(CSE)

Ti		Maximum: 70 Marks			
$\label{eq:continuous} PART-A$ (The figures in the right hand margin indicate marks)		$(2 \times 5 = 10 \text{ Marks})$			
Q.1. A	Answer ALL questions		CO#	Blooms Level	
a. V	What do you mean by TYPE -1 and TYPE -2 hypervisors?		CO1	K1	
b. I	Distinguish Private and Public Cloud with examples.		CO1	K4	
c. V	Vrite a short notes on Inter Cloud Resource Management.		CO2	K1	
d. I	Discuss the various disaster recovery plans.		CO3	K2	
e. I	Discuss different types of resource provisioning in cloud management policy		CO4	K2	
PART – B		(15 x 4	$(15 \times 4 = 60 \text{ Marks})$		
Answ	er 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. (OR)	7	CO3	K2	
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	
	End of Paper				