II SEMESTER EXAMINATION, 2022 – 23
IInd yr B.Tech. – CSE/ECE
Cloud Architectures

Duration: 3:00 hrs   **Max Marks: 100**

Note: - Attempt all questions. All Questions carry equal marks. In case of any ambiguity or missing data, the same may be assumed and state the assumption made in the answer.

Q 1.	Answer any four parts of the following.	5x4=20
	a) How would you define cloud economics? What three main pricing strategies did cloud computing introduce?	
	b) What is going to be the Future of Next-Gen Cloud Computing? Explain briefly.	
	c) Write the benefits and challenges of cloud architecture.	
	d) What are different types of virtualizations in cloud computing?	
	e) Explain WSDL (Web services description language) with example.	
	f) Explain Development-Environment-as-a-Service (DEVaaS) in brief.	
Q 2.	Answer any four parts of the following.	5x4=20
	a) Elaborate the three pertinent issues need to be addressed for cloud computing to fulfill its roles (Security, Reliability and Availability).	
	b) Discuss the different tools and technologies involved in cloud computing.	
	c) What are some of the key features of Cloud Computing? Also what do you mean by cloud delivery models?	
	d) Contrast and compare the Private Cloud and Public Cloud with examples.	
	e) What are the different cloud platforms available? f) Discuss the different types of components of Cloud Computing Architecture.	
Q 3.	Answer any two parts of the following.	10x2= 20
	a) What are some of the critical requirements for cloud applications in industry?	
	b) Write an analysis of case study when deciding to adopt cloud computing architecture.	
	c) Discuss the different types of cloud-based services with example.	
Q 4.	Answer any two parts of the following.	10x2= 20
	a) Write a summary about Google Cloud Platform. Also mention API platforms it provides for different applications.	
	b) What are the cloud service technologies supporting cloud architecture?	
	c) What is a Cloud Deployment Model? How to Make the Right Choice for Cloud Deployment Models?	
Q 5.	Answer any two parts of the following.	10x2= 20
	a) Explain Cloud disaster recovery and Cloud disaster recovery methodologies involved in cloud computing.	
	b) What is the concept of Cloud Computing Services and Total Cost of Ownership?	
	c) What are the different tasks involved in Cloud Management in Cloud Computing?	

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