PVP 20

Code: 20CS4701C

IV B.Tech - I Semester – Regular / Supplementary Examinations
OCTOBER 2024

CLOUD COMPUTING
(COMPUTER SCIENCE & ENGINEERING)

Duration: 3 hours Max. Marks: 70

Note: 1. This paper contains questions from 5 units of Syllabus. Each unit carries 14 marks and have an internal choice of Questions.
2. All parts of Question must be answered in one place.

BL – Blooms Level CO – Course Outcome

			BL	CO	Max. Marks
UNIT-I					
1		Define Virtualization. Explain Pros and Cons of Virtualization and its characteristics in detail.	L2	CO1	14 M
OR					
2		Explain about different taxonomies of virtualization techniques in detail.	L2	CO1	14 M
UNIT-II					
3		Apply various scenarios in which hybrid cloud can be configured and explain it with a detailed example in deployment models.	L3	CO2	14 M

OR					
4		Apply how IaaS and PaaS service models helps in cloud paradigm setup for a Cloud Service Provider and Cloud User.	L3	CO2	14 M
UNIT-III					
5		Explain the anatomy of Aneka container by emphasizing application, foundation, fabric services in detail.	L2	CO3	14 M
OR					
6		Explain the process of public, hybrid cloud deployment mode in building Aneka cloud.	L2	CO3	14 M
UNIT-IV					
7		Illustrate the role of Cloud Computing in Healthcare Application – ECG analysis.	L3	CO3	14 M
OR					
8		Illustrate the impact of Cloud Computing in CRM and ERP, Social Networking applications of Business and Consumer applications.	L3	CO3	14 M
UNIT-V					
9	a)	Analyse about Amazon Web Service (AWS) in detail.	L4	CO3	7 M

	b)	Analyse the life cycle of Google App Engine architecture.	L4	CO3	7 M
OR					
10		Analyse about SQL Azure in Microsoft Azure cloud environment.	L4	CO3	14 M