

**PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY**

(Autonomous)

**IV B.Tech – I Semester Regular Examination****Cloud Computing****Duration: 3 Hours****Max Marks: 70**

**Note:** The question Paper contains 5 essay questions with an internal choice from each unit. Each question carries 14 Marks.

5 x 14 = 70 Marks

S.no	UNIT I	CO	Level	Max Marks
1	Give NIST the Definition of Cloud Computing along with the 5 essential characteristics and models.	1	L1	14M
OR				
2	Explain types of Virtualizations with examples	1	L2	14M
UNIT II				
3	With the help of a neat Diagram Discuss the Architecture of Cloud Computing	1	L1	14M
OR				
4	Compare and contrast IaaS, PaaS, and SaaS in terms of control of the organization and service provider	3	L4	14M
UNIT III				
5	Discuss the features of Aneka as a platform for cloud applications	2	L2	14M
OR				
6	Design a sample logical organization scenario to use a master-worker configuration with separate nodes for storage in Aneka	3	L4	14M
UNIT IV				
7	Discuss how Cloud Computing can be used in Scientific Applications with examples	3	L4	14M
OR				
8	Discuss the usage of Cloud Computing in Education	3	L4	14M
UNIT V				
9	Discuss the Services and Features of AWS	1	L2	14M
OR				
10	Compare the compute services offered by Aws, Google Cloud, and Azure	3	L4	14M