

MST-I (October-2022)**B. Tech (CSE with DevOps) VII Semester****Subject Code:** CDV 4001**Duration:** 90 min**Subject Name:** System Provisioning and Configuration Management incl more focus on cloud/Puppet/chef/cloud agnostic(terraform)**Max. Marks:** 50**Note:** Question Paper consists of two parts (Part-A and Part-B).

All Questions are compulsory in Part-A.

Answer any THREE Questions from Part-B

PART A:(10*2)

S.No.	Question(s)	Course Learning Outcome
1.	Explain the software definition of provisioning with an example.	CLO1
2	Why provisioning should be exclusive?	CLO1
3	Explain Configuration Management (CM).	CLO3
4	Why we need Provisioning Tools?	CLO1
5	What is Deployment?	CLO1
6	Explain the basic definition of provisioning with an example.	CLO1
7	Explain about the Application Manager.	CLO1
8	What is Deployment Package?	CLO1
9	Explain about the Terraform.	CLO1
10	Give an brief about Helm.	CLO1

PART B:(10*3)

S.No	Question(s)(with Marks)	Course Learning Outcome
1	What are the concepts of provisioning, explain with examples? (5+5 marks)	CLO1
2	Why Provisioning is not Configuration Management? Explain the difference with examples. (5+5 marks)	CLO1, CLO3
3	What is Kubernetes? Explain the components of Kubernetes. (2+8 marks)	CLO1
4	What are the Deployment Concepts? Explain them with examples. (5+5 marks)	CLO1