

Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri(West), Mumbai 400058-India
(An Autonomous Institute Affiliated to University of Mumbai)

Mid Semester Examination

Max. Marks: 30
Class: FYMCA
Course Code: MC520
Course: DevOps

Duration: 1 Hour
Semester: II
Date: 11/3/24
Time: 2 to 3

Instructions:

- (1) All Questions are Compulsory.
- (2) Draw neat diagrams.
- (3) Assume suitable data if necessary.

No	Question	Max. Marks	CO	BL
Q1	Illustrate DevOps stages with the help of an example. List which tool is required for each stage.	10	1	2
Q2	Illustrate Git Workflow with the help of an example. List the commands used for each stage.	8	1	2
Q3	You are working as a DevOps Engineer in a company named ABC Pvt ltd. You have been asked by your manager to create a Maven Project using Jenkins and build a war file of that project. As a proof of concept, you have been given a web application to build. Identify which steps would be required for the pipeline and design a delivery pipeline for the same.	12	1	3