

St. Francis Institute of Technology
Borivli (West), Mumbai-400103

Information Technology Department

Academic Year: 2023-24

Semester: V

Class / Branch / Division: TE/IT/A&B

Subject: DevOps Lab

Practical Exam Question Bank

Sr. no.	List of experiments for practical exam
1.	To implement Linux Commands
2.	To implement Git commands
3.	To implement Pull/Push operations between Git and GitHub
4.	To build any Java Project (with and without parameters) using Jenkins
5.	To implement windows batch command on a project in Jenkins (with and without parameters)
6.	To build any python project (python file and script) in Jenkins
7.	To build a Maven and Ant project in Jenkins
8.	To create a pipeline script and build a pipeline of jobs in Jenkins
9.	To create a Jenkinsfile in a repository on GitHub and build a pipeline of jobs in Jenkins
10.	In Jenkins, show changes in a project with the help of webhooks. Also show how builds can be scheduled with cron commands
11.	To Implement Docker Commands

Ms. Shree Jaswal
(Subject In-Charge)

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Practical Exam Question Bank

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12.	To build an image for a web application using Dockerfile
13.	In Jenkins, create a slave node, connect it with master and build a project in slave node
✓ 14.	To create and run a test case on Chrome/Firefox browser with selenium IDE add-on

Note:

Oral exam will include theory questions related to all the experiments including puppet. Refer to the theory related to all the experiments shared on Google classroom.

Ms. Shree Jaswal
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