

Department of Computer Science and Engineering

III B.Tech I Semester – CSE

DevOps (23CS503)

Unit Wise Question Bank

Academic Year: **2026-27** | Regulation: **NR23**

UNIT – III

Introduction to Project Management

Part – A (2 Marks Questions)

S.No	Question	BTL	CO
1	What is the need for Source Code Control in DevOps?	L1	CO3
2	What are Roles and Codes in DevOps?	L1	CO3
3	What are the benefits of Source Code Management?	L1	CO3
4	What is Shared Authentication in DevOps?	L1	CO3
5	What is Pull Request Model in DevOps?	L1	CO3
6	What is Docker?	L1	CO3
7	Discuss Shared Authentication.	L1	CO3
8	How to create images with Dockerfile?	L1	CO3
9	What is Gerrit?	L1	CO3
10	How does Docker Intermission work?	L2	CO3

Part –B (5 Marks Questions)

S.No	Question	BTL	CO
1	What is Version Control? Explain its types and benefits.	L1	CO3
2	What is Gerrit? Explain its architecture.	L2	CO3
3	What is Docker Intermission? Differentiate Docker and Virtual Machine.	L2	CO3
4	Explain Gerrit and its architecture.	L2	CO3
5	Discuss Hosted Git Servers and Pull Request Model.	L3	CO3
6	Explain advantages and disadvantages of Docker.	L2	CO3
7	Explain CI/CD Pipeline and its stages.	L2	CO3
8	Explain Git Server Implementation and Docker Intermission.	L3	CO3
9	Explain Docker Architecture with a neat sketch.	L2	CO3
10	Explain GitLab in detail.	L3	CO3