

## 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 – IV

#### Integrating the System

#### Part – A (2 Marks Questions)

S.No	Question	BTL	CO
1	What is Git Plugin?	L1	CO4
2	What is Managing Build Dependencies in DevOps?	L2	CO4
3	What are Build Pipelines?	L1	CO4
4	What is Job Chaining?	L2	CO4
5	Explain Collating Quality Measures.	L2	CO4
6	Explain Jenkins Plugins.	L3	CO4
7	Name some popular CI/CD tools.	L2	CO4
8	What are some CI/CD tools commonly used in DevOps?	L2	CO4
9	What is Jenkins File System Layout?	L2	CO4
10	What is Infrastructure as Code?	L2	CO4

#### Part –B (5 Marks Questions)

S.No	Question	BTL	CO
1	What is Jenkins and explain its workflow?	L1	CO4
2	Explain Jenkins Master-Slave Architecture and applications.	L1	CO4
3	What are Build Slaves in DevOps?	L2	CO4
4	What is Infrastructure as Code in DevOps?	L2	CO4
5	What are different Build Phases in DevOps?	L3	CO4
6	What are Triggers? Explain Job Chaining and Pipelines.	L3	CO4
7	Discuss Continuous Integration and Jenkins.	L3	CO4
8	Describe Host Server and Build Slaves in detail.	L3	CO4
9	Explain Jenkins advantages and disadvantages.	L3	CO4
10	Elucidate integrating Selenium tests in Jenkins.	L3	CO4