

## 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 – I

#### Introduction to DevOps

#### Part – A (2 Marks Questions)

S.No	Question	BTL	CO
1	What is DevOps?	L2	CO1
2	Define ITIL.	L2	CO1
3	How fast is fast?	L2	CO1
4	What is DevOps Process?	L3	CO1
5	What is Continuous Development?	L2	CO1
6	Define Continuous Integration.	L3	CO1
7	What is Continuous Testing?	L2	CO1
8	Explain the Artifact Repository.	L1	CO1
9	What is Scrum?	L2	CO1
10	What is Kanban?	L2	CO1

#### Part –B (5 Marks Questions)

S.No	Question	BTL	CO
1	What is the difference between Agile and DevOps?	L2	CO1
2	What are the differences between Agile and Waterfall model?	L1	CO1
3	Explain DevOps process flow in detail.	L2	CO1
4	What is Continuous Delivery and how does it work?	L2	CO1
5	Explain components of Delivery Pipeline.	L3	CO1
6	Explain the DevOps process and its lifecycle with a neat diagram.	L3	CO1
7	Compare Agile and DevOps methodologies.	L1	CO1
8	Explain Continuous Delivery and Release Management.	L2	CO1
9	Discuss delivery pipelines and bottlenecks with examples	L3	CO1
10	Describe Kanban methodology with advantages.	L2	CO1