

Guru Nanak Dev Engineering College, Ludhiana

Department of Information Technology

Program	B.Tech.(IT)	Semester
Subject Code	PCIT-115	Subject Title
Mid Semester Test (MST) No.	1	Course Coordinator
Max. Marks	24	Time Duration
Date of MST	24 March, 2022	Roll Number

Note: Attempt all questions

Q. No.	Question	COs, RBT level
Q1	Name various DevOps tools and phases.	CO3, L2
Q2	What is the utility of GIT and Github.	CO5, L5
Q3	Illustrate how data moves from working to staging area and the concept of unstaging.	CO1, L2
Q4	Elaborate implementation of DevOps with example.	CO4, L3
Q5	Is there any correlation between continuous Integration and continuous <i>deployment</i> .	CO2, L5
Q6	What is branching ? Why it is required ? How to create remote branches and branches from existing ones?	CO5, L6

Course Outcomes (CO)

Students will be able to

1	Contrast the various drivers accountable for the surfacing of DevOps
2	Restate the service delivery process and business benefits
3	Illustration of most common and popular DevOps tools
4	Assessment of critical success factors for DevOps implementation
5	Evaluations of the results with GIT, GITHUB, Jenkins and Dockers
6	Integration of GITS, Dockers and Jenkins