ACE
Engineering College
(An Autonomous Institution)

Question Paper Code: CM602PC

Semester End Examination
III B. Tech- II Semester Regular Examination- July -2023
DEVOPS
(COMPUTER SCIENCE ENGINEERING- AI & ML)

Time: 3 Hours   **Max. Marks: 70**

H. T. No									

Note: This question paper contains two parts A and B.
1. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
2. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b as sub questions

PART- A   MARKS: 10*2=20

Q.No: 1	Question	Marks
a)	What is the DevOps pipeline ?	2
b)	What is Scrum ?	2
c)	Define Agility.	2
d)	What is Kanban?	2
e)	What is database migration?	2
f)	List the uses of Docker.	2
g)	Define Jenkins.	2
h)	What is Job chaining ?	2
i)	List the various types of testing.	2
j)	List out the features of selenium.	2

PART- B   MARKS: 5*10=50

Q.No	Question Description	Marks
2.	Discuss the values provided by Agile Software Development	10
	(OR)	
3	Explain about the principles of Kanban.	10
4	Briefly explain about the Devops life cycle for business agility	10
	(OR)	
5.	Differentiate Monolithic Architecture ,Micro services in DevOps.	10
6	Explain about the history of Source code management.	10
	(OR)	
7	Explain about Different Git Server Implementations.	10
8	Explain about the various Jenkins plugins and Jenkin build server.	10
	(OR)	
9	Explain about the various Build phases in Jenkins.	10
10	Explain about Pros and cons Of Automation of Testing.	10
	(OR)	
11	Explain about REPL-driven development.	10