

**PRAGATI ENGINEERING COLLEGE: SURAMPALEM
(AUTONOMOUS)
III B.Tech II Semester Regular/Supplementary Examinations, April - 2024**

**SOFTWARE PROJECT MANAGEMENT
(Common to CSE (AI&ML and CSE(AI))**

Time: 3 hours

Max. Marks: 70 M

**Answer ONE Question from each Unit
All Questions Carry Equal Marks**

Q. No.	Questions	BTL	CO	Marks
UNIT – I				
1.	a) Write about Pragmatic software cost estimation	K2	CO1	7M
	b) Explain how to reduce software product size	K3	CO1	7M
OR				
2.	a) Discuss the main features of conventional software management, and discuss necessary improvements for it.	K4	CO1	7M
	b) With a neat diagram explain stepwise objectives and goals of project planning.	K2	CO1	7M
UNIT – II				
3.	a) List the phases of the life cycle process	K2	CO2	7M
	b) Explain Construction and Transition Phases	K2	CO2	7M
OR				
4.	a) List various types of Artifact Sets	K2	CO2	7M
	b) What is the need of Pragmatic artifacts explain	K2	CO2	7 M
UNIT – III				
5.	a) Explain the technical perspectives in Model based software architectures	K2	CO3	7M
	b) Explain Life cycle architecture mile stones in brief	K2	CO3	7M
OR				
6.	a) Illustrate software process workflows	K3	CO3	7M
	b) Explain the structure of default WBS with process framework	K2	CO3	7M
UNIT – IV				
7.	a) Explain default roles in a software line-of-business organization with neat diagram	K3	CO4	7M
	b) Explain project team evaluation over the life cycle with neat diagram.	K3	CO4	7M
OR				
8.	a) Give overview of the seven core metrics	K2	CO4	7M
	b) Explain different management indicators in brief	K3	CO4	7M
UNIT – V				
9.	a) Explain agile iteration Planning	K3	CO5	7M
	b) Compare DevOps and Agile	K2	CO5	7M
OR				
10.	a) Explain the architecture of Devops with a neat sketch.	K3	CO5	7M
	b) What is the role of people in the adoption of DevOps	K2	CO5	7M