Code No.: CS623PE | R20 | H.T.No. | | | 8 | R | | | | | |

CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
III–B.TECH–II–Semester End Examinations (Supply) - January- 2024
SOFTWARE PROJECT MANAGEMENT
(CSE)

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

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

PART-A **(20 Marks)**

1. a)	Why does software not give as must returns on investment as other industries?	[2M]
b)	What are the ways of achieving better economics in software?	[2M]
c)	Justify the dividing of the four phases of software life-cycle into engineering and production stages.	[2M]
d)	What are the essential activities in construction and transition phases?	[2M]
e)	What are artifacts of the process?	[2M]
f)	What does each of the views address in the software architecture?	[2M]
g)	What is the content of minor checkpoints, major checkpoints and status assessments?	[2M]
h)	What are the disadvantages of traditional work breakdown structures?	[2M]
i)	What are the steps in identifying project roles? Name any five project roles and the skills needed for them.	[2M]
j)	What are the main features of the default line-of-business organization?	[2M]

PART-B **(50 Marks)**

2.	Discuss the conventional software management performance.	[10M]
	OR	
3.	Explain the evolution of software economics.	[10M]
4.	Describe the principles of modern software management.	[10M]
	OR	
5.	Give a brief note on transitioning to an iterative process.	[10M]
6.	Draw and explain the artifact sequences across the software life-cycle.	[10M]
	OR	
7.	Discuss the management perspective and Technical Perspective.	[10M]
8.	Explain the seven workflows in the life cycle.	[10M]
	OR	
9.	Discuss the sequence of activities in an iteration workflow.	[10M]
10.	Explain the evolution of software project team over the software life cycle.	[10M]
	OR	
11.	Identify examples of each of the seven core metrics and state their purpose.	[10M]

****