ADITYA ENGINEERING COLLEGE (A)
MCA – III Semester End Examinations Regular & Supplementary (AR20) – FEB 2023

SOFTWARE PROJECT MANAGEMENT

Time: 3 hours   Max. Marks: 70

Answer ONE question from each unit
All Questions Carry Equal Marks (5 x 14 = 70M)
All parts of the questions must be answered at one place only

UNIT – I

1	a	Explain in brief about pragmatic software cost estimation.	K2 CO1	[7M]
	b	Discuss about Software Economics.	K3 CO1	[7M]

OR

2	a	Discuss about the principles of conventional software Engineering.	K1 CO1	[7M]
	b	Explain about Improving Team Effectiveness.	K1 CO1	[7M]

UNIT – II

3	a	Explain about Programmatic Artifacts.	K2 CO2	[7M]
	b	Distinguish between Engineering and Production stages.	K2 CO2	[7M]

OR

4	a	Explain in brief about the various Artifact sets.	K2 CO2	[7M]
	b	List the Difference between Inception and Elaboration.	K3 CO2	[7M]

UNIT – III

5	a	Explain Iteration workflow with a neat diagram.	K2 CO3	[7M]
	b	Discuss about Work Break Down Structures.	K2 CO3	[7M]

OR

6	a	Explain about Cost and Schedule Estimation.	K2 CO3	[7M]
	b	Explain in brief about Checkpoints of the Process with Major Milestones and Minor Milestones.	K2 CO3	[7M]

UNIT – IV

7	a	What are the Various process automation tools? Explain in brief.	K1 CO4	[7M]
	b	Explain about Life Cycle Expectations.	K2 CO4	[7M]

OR

8	a	Discuss in detail about the seven core metrics.	K2 CO4	[7M]
	b	Discuss about Quality Indicators.	K2 CO4	[7M]

UNIT – V

9	a	Discuss about Agile Methodology.	K2 CO5	[7M]
	b	Discuss in detail about DevOps Architecture with a neat diagram.	K2 CO5	[7M]

OR

10	a	Explain DevOPS Delivery Pipe Line.	K2 CO5	[7M]
	b	Explain about Tool stack implementation.	K2 CO5	[7M]

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