R19

Reg. No: ☐☐☐☐☐☐☐☐☐☐

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

B.Tech IV Year I Semester Regular Examinations November/December-2022

SOFTWARE PROCESS & PROJECT MANAGEMENT
(Computer Science & Information Technology)

Time: 3 hours   Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

1	a	What are process reference models? Explain any two of them.	L1	6M
	b	List out CMMI maturity levels? Discuss them in detail.	L2	6M

OR

2	a	Define Principles of Software Process Change. Enumerate the Six basic principles of Software Process Change.	L2	6M
	b	What is the importance of Software maturity Framework?	L2	6M

UNIT-II

3	a	Define the way of Reducing Software Product Size.	L1	6M
	b	Extend the phases of the life-cycle process.	L2	6M

OR

4	a	Examine pragmatic software cost estimation.	L4	6M
	b	Summarize the differences in emphasis between engineering and production stages.	L2	6M

UNIT-III

5	a	Name the different types of joint management reviews and explain each.	L1	6M
	b	Interpret the sequence of life-cycle check points in major milestones.	L3	6M

OR

6	a	Evaluate the popular fidelity in the WBS over the life cycle	L4	6M
	b	Demonstrate the iteration planning places throughout the life cycle.	L2	6M

UNIT-IV

7	a	Define Round Trip Engineering. Explain it.	L1	6M
	b	Explain the following modern iterative development process. i. Change Management ii. Stake holder environment	L2	6M

OR

8	a	Identify the core metrics in managing a modern process. Give the over view of the core metrics.	L3	6M
	b	Outline the software development team activities.	L1	6M

UNIT-V

9		Describe the following terms. i. Project Review Authority (PRA). ii. Project Control & Process Instrumentation.	L2	12M

OR

10		Summarize the schedule for the IPDR demonstration activities.	L2	12M

*** END ***

SIDDHARTHA INSTITUTE OF TECHNOLOGIES & TECHNOR OCCUPITTUR
(AUTONOMOUS)
B.Tech IV Year I Semester Regular Examinations November/December 2022
(Computer Science & Information Technology)

Time: 3 hours   Max. Marks: 80

Answer ALL the Units 5 × 12 = 60 Marks

UNIT-I

1. a. ...
   b. ...

OR

2. a. ...
   b. ...

UNIT-II

3. a. ...
   b. ...

OR

4. a. ...
   b. ...

UNIT-III

5. a. ...
   b. ...

OR

6. a. ...
   b. ...

UNIT-IV

7. a. ...
   b. ...

OR

8. a. ...
   b. ...

UNIT-V

9. a. ...
   b. ...

OR

10. ...