R16

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech IV Year I Semester Regular Examinations Nov/Dec 2019
SOFTWARE PROJECT MANAGEMENT
(Computer Science & Engineering)

Time: 3 hours   Max. Marks: 60

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

UNIT-I

1	a	Explain portfolio management with suitable examples.	**6M**
	b	What are the different types of cost benefit evaluation techniques?	**6M**

OR

2	a	Explain Software Development Lifecycle with neat diagram.	**6M**
	b	Explain briefly strategic program management.	**6M**

UNIT-II

3	a	Discuss in brief software processes and process models. Explain with a neat diagram the various stages involved in the waterfall model.	**8M**
	b	Explain in brief about the Incremental Model process model.	**4M**

OR

4	a	What are the major shortcomings of the waterfall model? How those short comings have been overcome by the agile model?	**6M**
	b	Discuss COSMIC full function point. How many types the data groups can be moved in this approach?	**6M**

UNIT-III

5	a	What are the objectives of activity planning? Draw with a neat sketch of activity planning and explain project schedules.	**6M**
	b	Describe in brief major risks prioritized in the risk planning.	**6M**

OR

6	a	Explain various activities involved in creating critical paths.	**4M**
	b	Explain the seven categories of the nature of resources. How can you identify resource Requirements in producing a project?	**8M**

UNIT-IV

7	a	Explain about Framework for Project Management and Control.	**8M**
	b	What is Review? Explain about Project Termination Review.	**4M**

OR

8	a	What is meant by project Monitoring explain in briefly?	**6M**
	b	Discuss the visualizing progress in Project Management and Control.	**6M**

UNIT-V

9	a	Explain about the Oldham-Hackman Job Characteristic Model in detail.	**6M**
	b	What is meant by decision making and explain it in details?	**6M**

OR

10	a	Explain about Communication Genres with examples.	**6M**
	b	Write short notes on i) Organizational Structure. ii) Team Structure.	**6M**

*** END ***