Code No: **R164105E** **R16** **Set No. 1**

IV B.Tech I Semester Supplementary Examinations, February- 2020

SOFTWARE PROJECT MANAGEMENT

(Common to Computer Science and Engineering and Information Technology)

Time: 3 hours **Max. Marks: 70**

Question paper consists of Part-A and Part-B
Answer ALL sub questions from Part-A
Answer any FOUR questions from Part-B
*****

PART–A *(14 Marks)*

1.	a)	Write down the Difference between Verification And Validation.	[3]
	b)	List the activities affected by chosen technology.	[2]
	c)	Define critical path analysis.	[2]
	d)	What is Monte Carlo approach?	[3]
	e)	What is the use of check points in monitoring?	[2]
	f)	What is quality? Explain planning quality.	[2]

PART–B *(4x14 = 56 Marks)*

2.	a)	What are activities covered by software project management? Explain.	[7]
	b)	Explain about identifying project products and activities.	[7]
3.	a)	Explain the first two phases of the life-cycle process.	[7]
	b)	Explain the evolution of the life-cycle of artifact sets.	[7]
4.	a)	Explain in detail various steps in software project estimation.	[7]
	b)	Discuss in detail different models of COCOMO with an example.	[7]
5.	a)	Describe software project risks and strategies for risk reduction.	[7]
	b)	Explain in detail about risk planning.	[7]
6.	a)	Explain in detail about creating the framework.	[7]
	b)	Define Scheduling resources with examples.	[7]
7.		Explain the following: (a) Quality measures (b) Capability maturity model	[14]

||''|'''|''|'|''''||