R16

SET - 1

II B. Tech II Semester Supplementary Examinations, November - 2018
SOFTWARE ENGINEERING
(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)
2. Answer **ALL** the question in **Part-A**
3. Answer any **FOUR** Questions from **Part-B**

~~~~~~

PART –A

1.	a)	List various software process models?	(3M)
	b)	What is formal system specification?	(3M)
	c)	What are the types of user interfaces?	(2M)
	d)	What is verification and validation?	(2M)
	e)	What is SQA?	(2M)
	f)	What is reusability?	(2M)

PART -B

2.	a)	Explain the perspective process models with example?	(7M)
	b)	What are the steps in a generic process model?	(7M)
3.	a)	Explain requirements gathering and analysis?	(7M)
	b)	Explain the layered arrangement of modules in software design?	(7M)
4.	a)	Explain the SA/SD methodology?	(7M)
	b)	Explain the characteristics of good user interface design?	(7M)
5.	a)	Explain the testing of object oriented programs?	(7M)
	b)	Explain unit testing and integration testing?	(7M)
6.	a)	Explain the SEI Capability Maturity Model?	(7M)
	b)	Explain computer aided software Engineering?	(7M)
7.	a)	What is maintenance cost? Explain the software configuration management?	(7M)
	b)	Explain issues in reuse approaches?	(7M)

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