R16

SET - 1

II B. Tech II Semester Supplementary Examinations, April - 2021
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**

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PART –A

1.	a)	What are the steps in generic process model?	(3M)
	b)	What is the importance of SRS?	(3M)
	c)	What is the importance of object oriented design	(2M)
	d)	What is integration testing	(2M)
	e)	What is software reliability	(2M)
	f)	Name two process models for software maintenance?	(2M)

PART -B

2.	a)	Give the overview of Capability maturity model Integration CMMI?	(9M)
	b)	Differentiate between product and Process?	(5M)
3.	a)	Explain how to characterize a software design?	(7M)
	b)	Explain the steps in a design process?	(7M)
4.	a)	Explain the characteristics of good user interface design?	(8M)
	b)	Explain the types of user interfaces?	(6M)
5.	a)	Differentiate between black box testing and white box testing?	(7M)
	b)	Explain the steps in debugging?	(7M)
6.	a)	Give few software quality metrics according to ISO 9000 standards?	(7M)
	b)	Explain the case support in software lifecycle?	(7M)
7.	a)	Compare and contrast different types of maintenance process mode?	(7M)
	b)	What is software reuse? Explain why reuse in not done so far?	(7M)

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