Code No: 5405AY

R17

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M. Tech II Semester Examinations, January - 2020
SOFTWARE PROCESS AND PROJECT MANAGEMENT
(Computer Science)

Time: 3hrs   **Max.Marks:75**

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A

5 × 5 Marks = 25

1.a)	What are the characteristics of the optimizing process?	[5]
b)	List the engineering artifacts.	[5]
c)	What is pragmatic planning in software project management?	[5]
d)	Write a note on change management.	[5]
e)	Give an overview of CCPDS-R life cycle.	[5]

PART - B

5 × 10 Marks = 50

2.	How to improve the software process? Discuss suitable examples.	[10]
	OR	
3.	Discuss software process assessment in detail.	[10]
4.	Explain model based software architecture.	[10]
	OR	
5.	Describe briefly about engineering stage of software lifecycle.	[10]
6.	Explain checkpoints for the software process.	[10]
	OR	
7.	List the process planning guidelines and discuss them briefly.	[10]
8.	Explain briefly the fundamental sets of management metrics.	[10]
	OR	
9.	Describe briefly process discriminators that result from differences in project size.	[10]
10.	Discuss demonstration based assessment in CCPDS-R project.	[10]
	OR	
11.	What are the software management best practices? Explain them briefly.	[10]

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