B   B7407

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
FIRST SEMESTER MCA DEGREE EXAMINATION, DECEMBER 2017
Course Code: RLMCA203
Course Name: SOFTWARE ENGINEERING

Max. Marks: 60   Duration: 3 Hours

PART A
Answer all questions, each carries 3 marks.   Marks

1	What is the need of software engineering for developing a good software.	(3)
2	Define Adaptive approaches in the software development process.	(3)
3	List the advantages of incremental model.	(3)
4	What is open closed principle?	(3)
5	What is agile process? Mention its characteristics.	(3)
6	What is need of Burndown chart based on agile?	(3)
7	Describe the concept of code maintainability.	(3)
8	Elucidate Devops with an example.	(3)

PART B
Answer six questions, one full question from each module and carries 6 marks.
Module I

9	Describe Requirement Engineering in software development process.	(6)

OR

10	Explain" Cocomo model" in detail.	(6)

Module II

11	What is Risk? Explain Risk Management process.	(6)

OR

12	Describe the concept of clean room.	(6)

Module III

13	Explain the term Extreme programming in software engineering.	(6)

OR

14	What is the need of Regression Testing in software development process?	(6)

Module IV

15	Explain Scrum frame work.	(6)

OR

16	Describe the characteristics of user stories.	(6)

Module V

17	What is Assertive programming?	(6)

OR

18	Describe Ruthless Testing.	(6)

Module VI

19	Explain Configuration Management.	(6)

OR

20	a)	Write a short note on continues integration.	(3)
	b)	Continuous testing & deployment.	(3)

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