

Reg No.: \_\_\_\_\_

Name: \_\_\_\_\_

**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 "Cocoma 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)

\*\*\*\*