Re Examination (2018-19)
January 2020

Max. Marks: 60	Duration: 3 hr
Class: FYMCA	Semester: I
Course Code: MCA 12	Date: 4/1/20
Subject: Software Engineering	Time:10.00 to 1.00 p.m

Instructions: (1) All questions are compulsory.
(2) Draw neat diagrams
(3) Assume any necessary data but justify the same.

Q No.	Questions	Max. Marks	CO-BL-PI
Q.1 (A)	Identify and elaborate phases of Waterfall Model? OR Identify and elaborate phases of Spiral model ?	12	1-3-2.1.2
Q.2 (A)	Which methods will you use to collect requirements from Customer? Elaborate them.	6	2-3-3.1.2
(B)	Which Feasibility study focuses on cost aspect of the project? Justify your answer with an example.	6	2-3-3.1.2
Q.3	Differentiate COCOMO and COCOMO II . Discuss Three levels of model and development modes of COCOMO model in detail.	12	3-4-1.3.1
Q.4 (A)	Distinguish following testing with suitable example: (a) Unit testing (b) Integration testing	6	3-4-1.3.1
Q.4 (B)	What is more advisable to Choose - High cohesion of module or high coupling within the modules for software designing? OR Why to select RMMM for effective planning and strategy.	6	4-4-1.3.1
Q.5 (A)	Why it is advisable to choose Refactoring to improve the design of existing code.	6	4-4-1.3.1
Q.5 (B)	Why QA is recommended in SDLC process?	6	4-4-1.3.1