Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058, India

(Autonomous College Affiliated to University of Mumbai)

Mid Sem Examination
September– 2018

Max. Marks: 20

Class: F.Y.

Course Code:MCA12

Name of the Course: Software Engineering

Duration: 1 Hr

Semester:I

Branch:M.C.A.

Instruction:
(1) All questions are compulsory
(2) Draw neat diagrams
(3) Assume suitable data if necessary

Q No.		Max. Marks	CO
Q.1	Identify and explain which model will you use for developing Library management software. Mention the reasons behind your choice of a particular life cycle?	07	CO1
Q.2	How software myths influences the development of software?	03	CO1
	OR		
	Illustrate the major software characteristics.	03	CO1
Q.3	Justify System testing is always carried out at the end of testing life cycle.	04	CO4
Q.4	Develop RMMM plan using Risk Information Sheet where risk is defined as "Only 70 percent of the software components scheduled for reuse will, in fact, be integrated into the application. The remaining functionality will have to be custom developed."	04	CO4
Q.5	Estimate Risk Exposure (RE), RE = P X C, for the risk mentioned in question number 4 where probability of the risk is 80 percent, 60 reusable software components were planned, the size of each component is 100 LOC, and the cost for each LOC is Rs 400.	02	CO4
	OR		
	Criticize the statement "High probability , high impact risk has less priority in risk table".	02	CO4