MID-TERM EXAMINATION
(Course Name MCA) (Semester 2nd)
(February 2024)OFF LINE mode

Subject Code: MCA 106	Subject: Software Engineering
Time :1 ½Hours	Maximum Marks : 30
Note:Q. 1 is compulsory.	

Q1		(1,3,3,3)	
	Consider the project on which you are working. 　(a) Write the problem statement for the project. 　(b) List it's five functional and five non- functional requirements. 　(c) Draw the use caseDiagram for the project 　(d) Draw Data Flow diagram for this project.		
Q2	**(Attempt any Two Parts)**	**(5,5)**	
	(a) Consider you are working for a project with well-defined requirements with very less interaction with the customer. Which SDLC model will you prefer and why?		
	(b) How do you differentiate between a Program and a Software? Discuss Component based software development approach with the help of an example.		
	(c) Discuss Spiral Model along with its merits and demerits. In which type of scenario, we should use Spiral model?		
Q3	**(Attempt any Two Parts)**	**(2,8)**	
	(a) Discuss FAST Approach for requirement elicitation.		
	(b) What is the significance of software crisis in reference to software engineering discipline? Listsome examples.		
	(c) List five desirable characteristics of a good SRS document.		