

Instructions to Candidates:

1. Question 1 is Compulsory and answers any one from Q2 and Q3. Each Question carries 15M.
2. Mobiles, smart watches or any electronic gadgets are strictly banned inside the exam hall.

Sl#	Question	Marks	Bloom's Level	CO Mapping
1	<p>a. Justify the need of the requirement process in software development? Justify, why the output of formal modeling in the problem analysis phase cannot be treated as an SRS?</p>	5	Understand	CO2
	<p>Consider the following problem for the sub-question b and c</p> <p>A Web-site for an on-line store which has a long list of desired features it wants to add, and it wants a new release with new features to be done very frequently. The customers are in a highly competitive environment where requirements depend on what the competition is doing, and delivering functionality regularly is highly desirable. Furthermore, to reduce cost, the customer wants to outsource as much project work as possible to another team in another country.</p>			

	b. Find the process models that can be employed for the projects and Defend your choice.	4	Analyze	CO2
	c. Develop the basic use cases diagram and describe the same using use case template.	6	Create	CO1
2	a. With the help of a neat diagram, explain the XP. Justify for which type of projects is this XP principle is suitable.	5	Apply	CO1
	b. Explain the components of Software requirements Specification (SRS) in brief.	5	Understand	CO2
	c. Describe the phases and milestone in RUP.	5	Remember	CO1
3	a. For any software development, what are the main forces that drive a software Project? Describe them with the factors that influence them.	5	Understand	CO1
	b. Compare and contrast Timeboxing and waterfall process model.	5	Apply	CO2
	c. Explain the iterative delivery approach with a neat diagram. List the reasons for its huge popularity.	5	Apply	CO1

Course Outcomes meant to be assessed by the IA Test1:

CO1: Recall the principles and techniques of Software Engineering. (PO2,PO3,PO9,PO10,PO11, PSO2,PSO3)

CO2: Appraise the activities in project management requirement engineering process and the different types of system model.