Max. Marks: 30

Duration: 1hr.15 min.

Class: TY

Semester: V

Branch: COMP

Course Code: UCEC505

Test 1

Name of the Course: Software Engineering

Question No.		Max. Marks	*CO Mapped	Bloom's Taxonomy
Q1	Identify the criteria based on which a suitable life cycle model can be chosen for a given project development. Illustrate your answer by using at least 4 suitable examples (i.e. for 4 SDLC Models).	10	CO1	Analysis
Q2a)	Both the prototyping as well as the spiral model have been designed to handle risks. Identify how exactly risk is handled in each. How do these two models can be compared with respect to their risk handling capabilities? **OR** Explain Function point metrics estimation technique w.r.t Safe home systems.	5	CO1 & CO2	Analysis
Q2b)	Suppose an organization mentions in its job advertisement that it has been assessed at level 3 of CMM, what can you conclude about the current quality practices at the organization? What does this organization have to do to reach CMM level 4?	5	CO1	Application
Q3	Draw Activity diagram for Hospital Management System using at least 3 swim lanes.	10	CO3	Application