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QUESTION PAPER

Name of the Examination: Fall Semester (2023-24) – CAT-1

Course Code: CSE 1005

Set number: 2

Duration: 90min

Course Title: Software Engineering

Date of Exam: 11/09/2023 (FN) (B1)

Total Marks: 50Marks

Instructions:

1. Assume data wherever necessary.
2. Any assumptions made should be clearly stated.

1. Prepare a Requirement Specification Document for the Hospital Management System with the Purpose, Scope, intended audience, Modules required etc.,   (10M)

2. As a team lead for a software development project, and your team is following Agile methodologies. During a sprint planning meeting, one of your team members expresses concerns about the scope of user stories assigned for the upcoming sprint. They believe that there might be too many stories to complete within the sprint's time frame. (10M)

3. "Particularly useful when staffing is unavailable for a complete implementation by the business deadline". The above narration is well suited for a process model for software development.   (10M)
   i) Identify the model and explain with a neat sketch.
   ii) Give an example, that clearly demonstrates the working principle of the model.

4. What are the advantages and disadvantages of developing software in which quality is "good enough"? That is, what happens when we emphasize development speed over product quality?   (10M)

5. For an online attendance management system with student, employee, and admin as actors, design a state chart diagram and activity diagram to model the dynamic aspects of a system   (10M)

QP MAPPING

Q. No.	Module Number	CO Mapped	PO Mapped	PEO Mapped	PSO Mapped	Marks
Q1	1	1	1,2,3,4	2	1,2,3,4	10
Q2	1	1	2	1,2,3	1	10
Q3	2	4	4,9,10	2	4,9,10	10
Q4	2	3	1,2,4	1	1,2,4	10
Q5	2	3	1,2,4,5	4	1,2,4,5	10