PRESIDENCY UNIVERSITY

BENGALURU

Mid - Term Examinations – October 2025

Date: 07-10-2025   **Time:** 09.30am to 11.00am

School: SOCSE	**Program:** B. Tech - CDV
Course Code: CDV2001	**Course Name:** Agile Structures and Frameworks
Semester: V	**Max Marks:** 50 **Weightage:** 25%

CO - Levels	CO1	CO2	CO3	CO4	CO5
Marks	26	24	NA	NA	NA

Instructions:

    (i) *Read all questions carefully and answer accordingly.*

    (ii) *Do not write anything on the question paper other than roll number.*

Part A

Answer ALL the Questions. Each question carries 2marks.   **5Q x 2M=10M**

1	What is the essence of Agile development?	2 Marks	L1	CO1
2	List any two Agile values.	2 Marks	L1	CO1
3	What is a story point?	2 Marks	L1	CO1
4	State the purpose of a Sprint Retrospective.	2 Marks	L1	CO2
5	What is a Product Backlog, and why is refinement important?	2 Marks	L1	CO2

Part B

6.	a.	Discuss the 4 Agile values in detail with suitable example.	10 Marks	L2	CO1
	b.	Explain the differences between Agile and Waterfall methods in terms of planning approach, requirement handling, customer involvement, risk management, and documentation.	10 Marks	L2	CO1
Or					
7.	a.	Explain the 12 principles of the Agile Manifesto with suitable example.	10 Marks	L2	CO1
	b.	Explain Agile estimation techniques in detail: Story Points, Planning Poker.	10 Marks	L2	CO1

8.	a.	Describe the Scrum life cycle phases: Pre-game, Game, and Post-game and explain the activities, deliverables, and responsibilities at each phase.	10 Marks	L2	CO2
	b.	Explain the role of customer feedback in Agile, specifically in the context of the Scrum Demo (Sprint Review). How does stakeholder involvement improve product quality and team collaboration?	10 Marks	L2	CO2
Or					
9.	a.	Describe the three Scrum roles in detail: Product Owner, Scrum Master, and Development Team and explain their interactions during a Sprint.	10 Marks	L2	CO2
	b.	Explain the key Scrum practices such as Sprint Planning, Daily Scrum, Sprint Review (Scrum Demo), and Sprint Retrospective, with their objectives and outcomes.	10 Marks	L2	CO2