Roll No: | | | | | | | | | | | |

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956
Approved by AICTE, New Delhi | Approved By BCI
Bengaluru

Mid Term Examinations - October 2026

Date: 05/10/2026 **Time:** 02:00 PM - 03:30 PM

Course Code: CSA1202 **Course Name:** Software Engineering

Semester: Third Semester **Max. Marks:** 50 **Weightage:** 50%

CO - Levels	CO1	CO2	CO3
Marks	70	46	64

PART A: Answer Following Questions. 10 M

Q.N.	Questions	M	CO	BT
1	Explain two potential risks associated with Rapid Application Development Model.	2	CO1	BT2
2	Discuss any two myths associated with Software Engineering.	2	CO1	BT2
3	Explain user story in Agile methodology.	2	CO1	BT2
4	Elaborate why “Software doesn’t wear out! It does deteriorate only”.	2	CO2	BT2
5	Describe the importance of modularity and abstraction in software design.	2	CO3	BT2

PART B : Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
6	Explain Scrum roles, responsibilities and activities in Agile Methodology.	10	CO1	BT2
7	Explain software development life cycle along with the suitable example.	10	CO1	BT2

PART C: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
8	Explain how the Incremental Model allows software to be developed in stages and how it incorporates user feedback for improvement.	10	CO1	BT2
9	Compare Waterfall, RAD and Iterative Waterfall lifecycle models based on their distinguished features, strengths and weakness.	10	CO1	BT2

PART D: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
10	Explain the process of eliciting requirements in Requirements Engineering. Differentiate between functional and non-functional requirements with examples.	10	CO2	BT2
11	Discuss Computer Aided Software Environment (CASE) in detail.	10	CO2	BT2

PART E: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT

12	Consider an Online Library Management System. Students can search for books, borrow books, return books, and check their borrowing history. Librarians can issue and receive books, manage book records, and manage member accounts. The system administrator can generate reports and manage user access. 1. Draw a use case diagram for the Online Library Management System. 2. Identify any two actors and list their key use cases.	10	CO3	BT3
13	As a project manager, create a Software Requirements Specification (SRS) document for a school management system. The system should manage student records, attendance, class schedules, fee payment, and library management.	10	CO3	BT3