



PRESIDENCY UNIVERSITY

BENGALURU

Roll No.																			
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Mid - Term Examinations - MARCH 2026

Date: 10 - 03- 2026

Time: 02:00pm - 03:30pm

School: SOIS	Program: BCA		
Course Code: CSA2508	Course Name: Software Testing		
Semester: IV	Max Marks: 50	Weightage: 25%	

CO - Levels	C01	C02	C03	C04	C05	C06
Marks	10	20	20	-	-	-

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 Software Testing?	2 Marks	L1	C01
2	Define Software Quality Assurance.	2 Marks	L1	C01
3	When is Decision table testing used?	2 Marks	L1	C01
4	What are the benefit of designing tests early in the life cycle?	2 Marks	L1	C01
5	Define Software faults.	2 Marks	L1	C01

Part B

Answer ALL Questions. Each question carries 10 marks.			4QX10M=40M		
6	a.	Contrast the AI-based test automation from traditional test automation?	5 Marks	L3	CO3
	b.	Explain Rapid Application Development?	5 Marks	L2	CO2
or					
7	a.	Relate Quality assurance with Quality control. Justify your answer that QA is not QC.	5 Marks	L3	CO3
	b.	List out Test Deliverables with brief explanation.	5 Marks	L2	CO2
or					
8	a.	Outline the Phases of Software Project with the help of neat diagram.	10 Marks	L2	CO2
or					
9	a.	Illustrate boundary value test cases for a Pizza delivery app. Pizza values 1 to 10 is considered valid. A ORDER SUCCESS message is shown. While value 11 to 99 are considered invalid for order and an ERROR message will appear, "Only 10 Pizza can be ordered"	7 Marks	L2	CO2
	b.	Explain the different Methodologies in Agile Development Model?	3 Marks	L2	CO2
or					
10	a.	Construct BVA with an example.	10Marks	L3	CO3
or					
11	a.	Develop a program in any suitable language to implement an letter grading procedure, making suitable assumptions. Determine the basis paths and using them derive different cases, execute these test cases and discuss the test results.	10 Marks	L3	CO3
or					
12	a.	Explain the AI driven test effectiveness measurement.	5 Marks	L2	CO2
	b.	Demonstrate the tasks of Test Closure activities in Software Testing?	5 Marks	L2	CO2
or					
13	a.	Contrast the SDLC with the help of a block diagram.	10Marks	L2	CO2