



PRESIDENCY UNIVERSITY

BENGALURU

Roll No.																			
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

End - Term Examinations - December 2025

Date: 22-12-2025

Time: 01:00pm - 04:00pm

School: SOCSE	Program: B.Tech.		
Course Code: RAI2000	Course Name: Automation Design and Development		
Semester: V	Max Marks: 100	Weightage: 50%	

CO - Levels	C01	C02	C03	C04	C05
Marks	26	26	24	24	0

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.

10Q x 2M=20M

1.	What are the benefits of RPA?	2 Marks	L1	C01
2.	What are types of processes which should be taken as candidate for automation?	2 Marks	L1	C01
3.	What is the function of Properties and Data Manager Panel in UiPath?	2 Marks	L1	C01
4.	List the types of variables supported by UiPath	2 Marks	L1	C02
5.	Define Screen Scraping? List the three methods of Screen Scraping	2 Marks	L1	C02
6.	Differentiate While and Do While activity	2 Marks	L1	C02
7.	List the best practices to be followed to while working on a RPA project	2 Marks	L1	C03
8.	Define Exception. List the Common exceptions in UiPath?	2 Marks	L1	C03
9.	What is Meta Bot?	2 Marks	L1	C04
10.	What are the various entities of UIPath Orchestrator?	2 Marks	L1	C04

Part B

Answer the Questions.

Total Marks 80M

11.	a.	What are the typical usecases of RPA in various departments of any organization. List the department and the typical processes which can be the use cases of RPA implementation.	20 Marks	L3	C01
Or					
12.	a.	Compare and contrast any five RPA tools available in market for automating tasks by considering the core components, usage and limitations.	20 Marks	L4	C01
13.	a.	Design a bot for scraping data from website and writing to CSV file using UiPath studio. Illustrate your answer with Workflow diagram	10 Marks	L3	C02
	b.	Describe the key UiPath Activities to achieve the above automation	10 Marks	L2	C02
Or					
14.	a.	How does Recording work in RPA, and how can it simplify the creation of automation workflows? Describe its advantages and limitations.	10 Marks	L3	C02
	b.	Illustrate with an example, explain the steps involved in recording mouse and keyboard actions to perform an operation in UiPath studio	10 Marks	L2	C02
15.	a.	Describe the various Data Manipulation activities available in UI Path. How do these activities help in Data Processing? Illustrate your answer with an example	20 Marks	L2	C03
Or					
16.	a.	Describe the role of Computer Vision activities in UI Path	10 Marks	L2	C03
	b.	Design a bot for Text file automation using UiPath	10 Marks	L3	C03
17.	a.	Describe the various Debugging feature available in UI Path. Discuss how each of these features help in achieving correct RPA process	20 Marks	L2	C04
Or					
18.	a.	Describe how Orchestration Server is used to control bots and deploy bots. Explain the process with neat illustration.	20 Marks	L2	C04