PRESIDENCY UNIVERSITY

BENGALURU

Make up Examinations – December 2025

Date: 31 – 12- 2025　　　　　　　　　　　　　　　**Time:** 09:30am – 12:30pm

School: SOCSE	Program: B.TECH	
Course Code: CSE3209	Course Name: Automation Design and Development	
Semester: MK	Max Marks: 100	Weightage: 50%

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

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.	Define the key components of an RPA platform.	2 Marks	L1	CO1
2.	List any two areas where RPA is not applicable.	2 Marks	L1	CO1
3.	Mention two types of templates used in RPA tools.	2 Marks	L1	CO1
4.	Define 'Arguments' in the context of RPA workflows.	2 Marks	L1	CO2
5.	State the use of the Selector Editor.	2 Marks	L1	CO2
6.	Explain the image automation and text automation in RPA.	2 Marks	L2	CO3
7.	What is the importance of debugging in RPA.	2 Marks	L1	CO3
8.	Name two activities used in PDF Automation.	2 Marks	L1	CO3
9.	Mention two functions of the RPA Orchestrator.	2 Marks	L1	CO4
10.	Discuss the purpose of Operational Analytics in Bot Insight.	2 Marks	L1	CO4

Part B

Answer the Questions.   **Total Marks 80M**

11.	a.	Explain the architecture of an RPA platform with reference to its key components.	10 Marks	L2	CO1
	b.	Describe any four application areas of RPA with real-world examples.	10 Marks	L2	CO1
Or					
12.	a.	Differentiate between front-office and back-office bots.	10 Marks	L2	CO1
	b.	Explain the installation and configuration process of any one RPA tool.	10 Marks	L2	CO1

13.	a.	Apply RPA to automate login and message extraction from an email account using selectors.	10 Marks	L3	CO2
	b.	Explain the usage of variables and arguments in RPA for data transfer across workflows.	10 Marks	L2	CO2
Or					
14.	a.	Apply screen scraping and data scraping techniques to extract information from a website and compare the results.	10 Marks	L3	CO2
	b.	Summarize the role of recording in RPA development. List three types with examples.	10 Marks	L2	CO2

15.	a.	Explain the process of handling image automation in a remote desktop environment.	10 Marks	L2	CO3
	b.	Describe logging best practices for scalable RPA solutions.	10 Marks	L2	CO3
Or					
16.	a.	Describe the steps in error handling using Try-Catch blocks in RPA.	10 Marks	L2	CO3
	b.	Explain the purpose and use of Extensions in enhancing RPA functionality.	10 Marks	L2	CO3

17.	a.	Describe the end-to-end process of publishing and deploying an RPA package.	10 Marks	L2	CO4
	b.	Explain how Robot provisioning and connection to Orchestrator is done.	10 Marks	L2	CO4
Or					
18.	a.	Explain about MetaBot Designer. How is it used in bot creation and reuse.	10 Marks	L2	CO4
	b.	Describe the role of Transactional and Operational Analytics in RPA lifecycle.	10 Marks	L2	CO4