B.M.S. College of Engineering, Bengaluru-560019

Autonomous Institute Affiliated to VTU

July 2024 Semester End Main Examinations

Programme: B.E.   Semester: V
Branch: Information Science and Engineering   Duration: 3 hrs.
Course Code: 22IS5PERPA   Max Marks: 100
Course: Robotic Process Automation Design and Development

Instructions: 1. Answer any FIVE full questions, choosing one full question from each unit.
2. Missing data, if any, may be suitably assumed.

			UNIT - I	CO	PO	Marks
1	a)		Detail out on the core components of RPA with a suitable sketch.	CO1	-	**08**
	b)		List and explain any eight benefits of RPA.	CO1	-	**08**
	c)		Discuss about any two techniques available for automation.	CO1	-	**04**
			UNIT - II			
2	a)		Outline the use of various variable datatypes used in UiPath RPA platform.	CO2	PO2	**04**
	b)		Illustrate the working of Switch activity in UiPath with a suitable example.	CO3	PO3	**06**
	c)		Discuss the major five activities used for Excel file operations with an example workflow.	CO3	PO3	**10**
			OR			
3	a)		Design a UiPath workflow for the creation of a dynamic datatable.	CO3	PO3	**10**
	b)		Illustrate the working of For each activity in UiPath with a suitable example.	CO3	PO3	**06**
	c)		Discuss the four types of projects supported in UiPath RPA.	CO2	PO2	**04**
			UNIT - III			
4	a)		Discuss mouse and keyboard activities in detail.	CO2	PO2	**10**
	b)		Explain the different credential management activities in UiPath.	CO2	PO2	**05**
	c)		Outline the basic four types of recording available in UiPath.	CO2	PO2	**05**
			OR			
5	a)		Differentiate different types of screen scraping methods in UiPath.	CO2	PO2	**10**

		b)	List and explain any five activities that help in finding the controls on screen in UiPath.	*CO2*	*PO2*	**10**
			UNIT - IV			
6	a)		Detail out on the common exceptions in UiPath and ways to handle them.	*CO3*	*PO3*	**10**
	b)		Illustrate various debugging techniques available in UiPath.	*CO3*	*PO3*	**10**
			UNIT - V			
7	a)		Discuss about the Orchestration server roles.	*CO2*	*PO2*	**10**
	b)		Explain the best practices while working on a project in UiPath.	*CO2*	*PO2*	**10**

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