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

Autonomous Institute Affiliated to VTU

October 2024 Supplementary Examinations

Programme: B.E.
Branch: Institutional Elective
Course Code: 22IS6OERPA
Course: Robotic Process Automation Design and Development

Semester: VI
Duration: 3 hrs.
Max Marks: 100

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)		Explicate the core components of RPA with a neat diagram.	CO1	PO1	07
	b)		Detail out on any 3 benefits of using RPA.	CO1	PO1	06
	c)		Automate the process of "emptying the Trash in Gmail" using UiPath recording.	CO2	PO3	07
			UNIT - II			
2	a)		Illustrate the use of Assign, Delay and For each activities in UiPath, with an example workflow.	CO2	PO1	10
	b)		Implement a software robot using Switch case to display days of a week in UiPath.	CO2	PO3	10
			OR			
3	a)		Exemplify the use and scope of different categories of Variables in UiPath.	CO3	PO1	05
	b)		Construct a UiPath automation to check whether the entered year is leap or not using if else control activity.	CO2	PO3	08
	c)		Implement a robot to print the multiplication table of a number taken as a user input using while loop.	CO2	PO3	07
			UNIT - III			
4	a)		Illustrate and elaborate on any four entities to tackle failure points.	CO2	PO1	08
	b)		Interpret the keyboard activities in UiPath Studio with examples.	CO3	PO1	06
	c)		Differentiate between Basic, Desktop and Web recording in UiPath Studio.	CO3	PO2	06
			OR			
5	a)		Illustrate the Mouse Activities in UiPath with suitable examples.	CO3	PO1	08
	b)		Exemplify any four activities in UiPath that can be used to find the controls on screen.	CO3	PO1	08

Important Note: Completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages. Revealing of identification, appeal to evaluator will be treated as malpractice.

				CO3	PO1	04
		c)	Describe the usage of Mail plugins in UiPath.	CO3	PO1	04
			UNIT - IV			
6	a)		Identify any 3 common exceptions in UiPath and ways to handle them.	CO3	PO1	10
	b)		Illustrate the various techniques available for debugging in UiPath.	CO2	PO1	10
			UNIT - V			
7	a)		Differentiate between the attended and unattended types of robots in UiPath.	CO4	PO2	04
	b)		Detail out on when to use Flowcharts, State Machines and Sequences in UiPath.	CO4	PO1	06
	c)		Explain the best practices while working on a project in UiPath.	CO4	PO1	10

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