Internal Assessment Question Paper – 1

M.S. Ramaiah Institute of Technology
(Autonomous Institute, Affiliated to VTU)
Department of CSE

Programme: B.E	Term: OCT 2021 to FEB 2022
Course: Robotic Process Automation Design & Development	Course Code: CSE552
Sem: V CIE: I	Section: A
Max Marks: 30 Time: 1Hr	Portions for Test: L1-L16.

Instructions to Candidates: Mobiles, smart watches or any electronic gadgets are strictly banned.
1st **question is compulsory**. Answer any **one** from Question 2 or Question 3.

Sl#		Question	Marks	Bloom's Level	CO Mapping
1	a)	.What is RPA? Explain any five industries, which can take benefits from Robotic Process Automation.	5	Remember	CO1
	b)	What is the primary difference between the following: •i. Variables and Arguments. ii. Write Line activity and Message Box activity. iii. Break and Continue activity iv. Attended and Unattended Robot v. Automation and RPA	5	Analyze	CO2
	c)	Consider an array of names. List the steps to create automation, where the names starting with "m" is counted and the result is displayed in the message box using sequence and control flow.	5	Apply	CO2
2	a)	Explain the main types of Projects/Workflows that can be supported using UiPath studio.	5	Remember	CO1
	b)	List and Explain the components of UiPath stack.	4	Understand	CO1
	c)	i. List the steps to create automation, to read an integer variable, which will increase from 5 to 500 in increments of 5. Using assign activity. ii. List the steps to create automation, to read an integer variable, to generate all multiples of 3, less than 30. Using do while activity.	6	Apply	CO2
3	a)	Illustrate any three control flow statements in UiPath with an examples.	5	Understand	CO2
	b)	What are the important Phases of the RPA Life Cycle?	4	Remember	CO1
	c)	i. Create a RPA Bot Using UiPath Studio to find the sum of odd numbers in an array using For Each activity. ii. Create a RPA Bot Using UiPath Studio to read Item Number, Item Price and Type of the Item. Calculate the GST on the items using Switch activity. Display the final details. • Item Type-1 --> GST=5%. • Item Type-2 --> GST=12% • Item Type-3 --> GST=18%	6	Apply	CO2

Course Outcomes meant to be assessed by the IA Test-I:
- CO1: Understand Basic Programming concepts and the underlying logic/structure
- CO2: Describe RPA, where it can be applied and how it's implemented.

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