Model Question Paper-1/2 with effect from 2021(CBCS Scheme)

USN

7th Semester B.E. Degree Examination

Robotic Process Automation Design and Development

TIME: 03 Hours   **Max. Marks: 100**

Note: 01.   Answer any **FIVE** full questions, choosing at least **ONE** question from each **MODULE**.

		Module -1	***Bloom's Taxonomy Level**	**COs**	**Marks**
Q.01	a	Define RPA. List some benefits of RPA	L1	CO1	4
	b	What is BPO? Explain three types of strategies in BPO and give some drawbacks of BPO.	L2	CO1	7
	c	Explain different flavors of RPA. How did the Mainframe Era contribute to the foundation of RPA platforms, and what were its key limitations?	L2	CO1	9
		OR			
Q.02	a	List downsides of RPA.	L1	CO1	4
	b	Explain RPA On-Premise VS Cloud and explain different cloud approaches. Also give some downside with cloud software.	L2	CO1	7
	c	Explain the role of Natural Language Processing (NLP) in AI and provide examples of how it is used in everyday technology	L2	CO1	9

		Module-2			
Q. 03	a	List and explain RPA Platforms.	L2	CO2	6
	b	What is task recorder? Explain four type of recording in UiPath Studio.	L2	CO2	7
	c	With the neat diagram list and explain the components of RPA.	L2		8
		OR			
Q.04	a	Explain different types of project supported by UiPath studio.	L2	CO2	6
	b	What is UiPath? List the important components of UiPath RPA and explain each of them.	L2	CO2	7
	c	What are the steps involved in using UiPath's Web Recorder to automate the task of emptying the Trash folder in Gmail? Explain briefly.	L2	CO2	8
		Module-3			
Q. 05	a	Explain the use of arguments in UiPath and their direction properties.	L2	CO3	6
	b	Discuss the use of the For Each activity in automating repetitive tasks.	L3	CO3	7
	c	Differentiate between Sequences, Flowcharts, and State Machines in RPA projects.	L3	CO3	7
		OR			
Q. 06	a	Define variables in UiPath and explain their scope	L2	CO3	6
	b	Explain the use of arguments in UiPath and their direction properties.	L3	CO3	7
	c	Illustrate how data tables are created and iterated in UiPath	L3	CO3	7
		Module-4			

Q. 07	a	What is screen scrapping? Explain three screen scrapping method.	L2	CO4	6
	b	Explain the differences between the various types of recording in UiPath.	L2	CO4	7
	c	Discuss the different types of mouse and keyboard activities available in UiPath.	L3	CO4	7
		OR			
Q. 08	a	What are the different techniques for waiting for controls in UiPath? Provide examples.	L2	CO4	6
	b	Explain the use of selectors in UiPath and their role in automating UI interactions.	L2	CO4	7
	c	How can UiExplorer be used to customize selectors in UiPath? Provide an example.	L3	CO4	7
		Module-5			
Q. 09	a	Discuss the role of logging in UiPath and its types.	L2	CO5	6
	b	Define exception handling. Discuss how to use Try-Catch for exception handling in UiPath.	L2	CO5	7
	c	Analyze the challenges of scaling RPA in organizations.	L3	CO5	7
		OR			
Q. 10	a	Explain common exception handling that we usually face while working on UiPath.	L2	CO5	6
	b	What is the purpose of debugging in UiPath Studio, and how do the different debugging techniques help ensure that a workflow runs successfully?	L2	CO5	7
	c	How are crash dumps collected and used in UiPath?	L3	CO5	7

*Bloom's Taxonomy Level: Indicate as L1, L2, L3, L4, etc. It is also desirable to indicate the COs and POs to be attained by every bit of questions.