Paper / Subject Code: 90930 / Information Tech.: Robotic Process Automation

(Time: 2½ hours)

[Total Marks: 60]

N. B.: (1) **All** questions are **compulsory**.
(2) Make **suitable assumptions** wherever necessary and **state the assumptions** made.
(3) Answers to the **same question** must be **written together**.
(4) Numbers to the **right** indicate **marks**.
(5) Draw **neat labeled diagrams** wherever **necessary**.
(6) Use of **Non-programmable** calculator is **allowed**.

1.	**Attempt _any two_ of the following:**	12
a.	Define RPA and list its benefits.	
b.	What are the components of RPA?	
c.	What are the projects supported by UIPath Studio?	
d.	Explain the four types of Task Recorders available in UIPath Studio.	

2.	**Attempt _any two_ of the following:**	12
a.	Explain the various control flow activities which are examples of loops.	
b.	Draw a step-by-step example to implement sequence and control flow.	
c.	Write a short note on Clipboard management.	
d.	List down the steps to create a data table and writing all its data to an Excel file.	

3.	**Attempt _any two_ of the following:**	12
a.	What are the various techniques for waiting for a control in RPA? Enumerate its steps.	
b.	Write notes on Handling Events using UIPath.	
c.	How to perform Mail Plugin in UIPath?	
d.	What are the various methodologies that are extensively used for web integration in UIPath?	

4.	**Attempt _any two_ of the following:**	12
a.	What are assistant bots? How can I use it for a notepad application?	
b.	What are the steps involved in monitoring a copying event and blocking it?	
c.	List the various debugging techniques provided by UIPath to check if the workflow is running successfully or to find errors and rectify them.	
d.	Write short note on collecting crash dumps in UIPath	

5.	**Attempt _any two_ of the following:**	12
a.	Write a short note on State Machine in UIPath.	
b.	List down the steps for delete, secure or request credentials once the credentials are set in UIPath.	
c.	Write short note on Queues in Deploying and maintaining a bot using UIPath.	
d.	Write short note on License Management in UIPath.	

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