

(AUTONOMOUS)
MSc DEGREE EXAMINATION MAY 2026

(Fourth Semester)

Branch – **COMPUTER SCIENCE**

ROBOTIC PROCESS AUTOMATION

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks

(10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	_____ in Robotic Process Automation infers software programs that mimic human actions. (i) Automation (ii) Robot (iii) Action (iv) Trigger	K1	CO1
	2	Which edition is suitable for individual developers and small organizations with fewer employees? (i) Enterprise Edition (ii) Community Edition (iii) Business Edition (iv) Educational Edition	K2	CO1
2	3	Which project is suitable for simple actions or tasks? (i) Sequence (ii) Flowchart (iii) Assistant (iv) State machine	K1	CO2
	4	Name the panel that can reuse automation snippets. (i) Outline Panel (ii) Output Panel (iii) Library Panel (iv) Variable Panel	K2	CO2
3	5	Tell the activity that is used in automation when it is required to execute a statement based on the fulfillment of a certain condition. (i) While Activity (ii) Do While Activity (iii) For Each Activity (iv) Switch Activity	K1	CO3
	6	Name the type of variable that can hold one or more data point of a particular data type. (i) Scalar (ii) Collections (iii) Tables (iv) Double	K2	CO3
4	7	Which of the following control is used to attach a UI element and perform multiple actions on it? (i) Find Children (ii) Find relative element (iii) Get Ancestor (iv) Element Scope	K1	CO4
	8	Which event is similar to Click trigger? (i) Image Trigger (ii) Hotkey Trigger (iii) Mouse Trigger (iv) Key Press Trigger	K2	CO4
5	9	_____ activity is used to define time parameters between which transaction should be processed. (i) Get Transaction Item (ii) Set Transaction Progress (iii) Postpone transaction Item (iv) Set Transaction Status	K1	CO5
	10	_____ status of the Robot shows that the Robot is not working on any other task and is freely available to take tasks. (i) Available (ii) Busy (iii) Disconnected (iv) Process	K2	CO5

Cont...

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Compare RPA with other types of automation applications.	K2	CO1
		(OR)		
	11.b.	Categorize the types of Robots.		
2	12.a.	Examine the stages of RPA implementation.	K4	CO2
		(OR)		
	12.b.	Distinguish between Sequences, Flowcharts, and State Machines supported by UiPath Studio.		
3	13.a.	Examine the use of selectors in UiPath and their role in automating UI interactions	K4	CO3
		(OR)		
	13.b.	How does the Citrix environment work? Analyze.		
4	14.a.	Illustrate the task of extracting the data from multi file PDF documents and storing the data into a CSV file.	K2	CO4
		(OR)		
	14.b.	Summarize the overview of the orchestrator with its logical components.		
5	15.a.	Construct an automation bot to monitor MySQL Backup.	K3	CO5
		(OR)		
	15.b.	Identify the steps to create an automation to monitor the Disk clean-up process.		

SECTION -C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	List out the benefits of RPA.	K4	CO1
2	17	Explain the different types of projects supported by UiPath studio.	K2	CO2
3	18	Identify the steps involved in extracting text using Screen Scraper Wizard.	K3	CO3
4	19	Build a try catch block to handle exceptions in RPA.	K3	CO4
5	20	Create a robot to automate the transactions in Stock Market.	K6	CO5

Z-Z-Z

END