R22 Regulation *Subject code:4P7EA*

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A+' Grade)

B.Tech VII Semester Supplementary Examinations, May 2026

ROBOTIC PROCESS AUTOMATION

(CSE)

Maximum Marks: 60 Date:13.05.2026 Duration: 3 hours

Note: **1.This question paper contains two parts A and B.**
2. Part A is compulsory which carries 10 marks. Answer all questions in Part A.
3. Part B consists of 5 Units. Answer any one full question from each unit.
4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks (10X1M=10 Marks)		Marks	CO	BTL
1.a)	What is UiPath Robot?	1M	1	L1
b)	Mention one advantage of using task recorder.	1M	1	L1
c)	Define sequence in UiPath.	1M	2	L1
d)	State one purpose of data manipulation.	1M	2	L1
e)	Mention one technique for waiting for a control.	1M	3	L1
f)	What is Citrix automation used for?	1M	3	L1
g)	Define monitoring.	1M	4	L1
h)	State one purpose of exception handling.	1M	4	L1
i)	What is nesting of workflows?	1M	5	L1
j)	Define bot license management.	1M	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)			Marks	CO	BTL
2	a	Explain the concept and scope of RPA with real-time applications.	5M	1	L3
	b	Evaluate different robot types based on their use cases.	5M	1	L4
		OR			
3	a	Demonstrate UI automation using an input-output method combination.	5M	1	L3
	b	Discuss advanced UI interaction techniques.	5M	1	L2
4	a	Explain how control flow improves the logic of automation workflows.	5M	2	L2
	b	Discuss data table operations with examples.	5M	2	L3
		OR			
5	a	Use loops to demonstrate how repetitive business tasks can be automated.	5M	2	L3
	b	Demonstrate data pre-processing techniques in UiPath workflows.	5M	2	L3
6	a	Explain the methods for finding and attaching controls in UiPath.	5M	3	L2
	b	Discuss the role of Terminal Plugin in legacy system automation.	5M	3	L2
		OR			

7	a	Demonstrate the use of mouse and keyboard activities for performing UI automation tasks.	5M	3	L3
	b	Design an automation using Citrix environment plugins.	5M	3	L2
8	a	Explain different event trigger types in UiPath.	5M	4	L2
	b	Discuss debugging techniques for UiPath projects.	5M	4	L2
		OR			
9	a	Analyze the working of assistant bots in attended automation.	5M	4	L2
	b	Demonstrate the use of different error handling techniques in UiPath through practical scenarios.	5M	4	L3
10	a	Explain techniques for organizing large RPA projects.	5M	5	L2
	b	Discuss publishing a bot using the Publish utility.	5M	5	L2
		OR			
11	a	Design a simple state machine for an approval process.	5M	5	L2
	b	Compare different deployment and update management strategies.	5M	5	L2