R22 Regulation *Subject code:4P6GB*

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B. Tech VI Semester Regular/Supplementary Examinations, April 2026

ROBOTIC PROCESS AUTOMATION

(CSE (AI&ML))

Maximum Marks: 60 Date:23.04.2026 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	Bloom Tx
1.a)	Write the main objective of RPA.	1M	CO1	L3
b)	Why is UiPath popular	1M	CO1	L2
c)	List types of workflow containers.	1M	CO2	L1
d)	Compare CSV and Excel formats.	1M	CO2	L2
e)	Identify a scenario to use Attach Window.	1M	CO3	L1
f)	Define Click activity.	1M	CO3	L1
g)	Why are Assistant bots user-friendly	1M	CO4	L2
h)	Show how to configure On Element Appear.	1M	CO4	L3
i)	Define project organization in RPA	1M	CO5	L1
j)	Analyze impact of nesting on reusability.	1M	CO5	L5

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	Bloom Tx
2	Explain the key components of RPA and illustrate how they interact in an automation lifecycle.	10M	CO1	L3
	OR			
3	Describe different Input Methods available in UiPath and compare their advantages.	10M	CO1	L3
4	Define variables and explain the concept of scope in RPA with examples.	10M	CO2	L1
	OR			
5	Analyze the advantages of using Data Tables for structured data manipulation in automation projects.	10M	CO2	L3
6	Define selectors and explain their role in identifying UI elements.	10M	CO3	L2
	OR			
7	Classify the different types of OCR available in RPA and discuss their working principles.	10M	CO3	L2

8	Explain the process of monitoring file system events with a real-time example.	10M	CO4	L3
	OR			
9	Design a use case where a bot is launched using a keyboard event with example.	10M	CO4	L3
10	Explain the importance of project organization in RPA and describe best practices for structuring a UiPath project.	10M	CO5	L3
	OR			
11	Evaluate the impact of publishing using publish utility with example.	10M	CO5	L3