



R22 Regulation

Subject code:4P7EA

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VII Semester Regular Examinations, November 2025

**ROBOTIC PROCESS AUTOMATION
(CSE)**

Maximum Marks: 60

Date: 28.11.2025

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	BloomTx
1.a)	List any two components of UiPath.	1M	1	L1
b)	What is a Task Recorder in UiPath?	1M	1	L1
c)	What is the use of a loop in a workflow?	1M	2	L1
d)	Define variables and scope.	1M	2	L1
e)	Define control attachment.	1M	3	L1
f)	Mention one benefit of SAP automation.	1M	3	L1
g)	Define an assistant bot.	1M	4	L1
h)	Name any two common exceptions in UiPath.	1M	4	L1
i)	What is workflow reusability?	1M	5	L1
j)	Define orchestration server.	1M	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	Bloom x
2	a) Explain the architecture and key components of the UiPath platform. b) Discuss how UiPath Orchestrator manages and schedules robots.	5M 5M	1 1	L2 L2
OR				
3	a) What are the steps involved in using UiPath's Web Recorder to automate the task of emptying the Trash folder in Gmail? Explain briefly. b) Design a workflow using UiPath Recorder for data entry tasks.	5M 5M	1 1	L3 L5
4	a) Create a data table by reading the data from a CSV file of students marks and calculate total and grade then write the data to a excel file, and show the steps. b) Demonstrate file operations with step-by-step examples.	5M 5M	2 2	L2 L3
OR				
5	a) Analyze different decision-making activities in control flow. b) Describe the role of data manipulation in enhancing automation performance.	5M 5M	2 2	L4 L2

6	a) Explain how UiPath identifies and interacts with controls. b) Compare SAP and Citrix automation approaches.	5M 5M	3 3	L2 L4
OR				
7	a) Compare different types of OCR available in UiPath. b) Demonstrate a plugin-based workflow using Terminal Plugin.	5M 5M	3 3	L4 L3
8	a) Explain the working of assistant bots in UiPath. b) Explain the importance of exception handling and logging in a workflow with suitable examples.	5M 5M	4 4	L2 L3
OR				
9	a) Demonstrate launching an assistant bot using a keyboard event. b) Discuss error reporting methods and their importance.	5M 5M	4 4	L3 L2
10	a) Explain nesting of workflows and its benefits. b) Explain about project organization in Uipath.	5M 5M	5 5	L2 L4
OR				
11	a) Evaluate the scenarios for using Flowcharts vs. State Machines. b) Discuss license management and its significance.	5M 5M	5 5	L4 L2