(Time: $2\frac{1}{2}$ 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. What are the different techniques used for Automation by developers?
b. Explain the Variable and Argument Panel in UIPath Studio.
c. Write a note about the RPA platforms Automation Anywhere and Blue Prism
d. Explain Robots in UIPath.

2. **Attempt *any two* of the following:**   12
a. Explain the The Do while and For Each activity with an example.
b. Explain any two File operations with step-by-step example.
c. Explain the steps in using activities with workflows.
d. What are the steps in Data Scraping?

3. **Attempt *any two* of the following:**   12
a. Explain the Mail Plugin in UIPath?
b. What are the various activities available for Credential management in UIPath Studio?
c. Explain Find Element, Find Relative Element and Get Ancestor Activity.
d. What are the various methodologies that are extensively used for web integration in UIPath?

4. **Attempt *any two* of the following:**   12
a. Explain System Event Triggers.
b. What are the various debugging techniques provided by UIPath?
c. List the steps for Launching an assistant bot on a keyboard event.
d.

5. **Attempt *any two* of the following:**   12
a. Write a note on Transactional business process.
b. Describe License Management in UIPath.
c. What is a State Machine? What are the different states in a state machine?
d. Write a note on Assets in UIPath.