


RAN-2411000503022001

M. Sc. (Computer Application) (Sem. - III) Examination October - 2025
Robotic Process Automation (Paper - 902)

Time: 3 Hours]
[Total Marks: 70
સૂચના : / Instructions

(1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the above details on your answer book.

Seat No.:

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Student's Signature

Q. 1. Select most correct answer from the following: (Write only correct choice) (10)

- UiPath is primarily used for:
 - Data science
 - Automating back-office tasks
 - Software development
 - Cloud storage
- Which RPA tool is known for its strong security and scalability?
 - Blue Prism
 - UiPath
 - Automation Anywhere
 - Selenium
- Which UiPath Studio feature is most useful for analyzing workflow hierarchy?
 - Outline Panel
 - Control Panel
 - Properties Panel
 - Design Panel
- In UiPath, variables are mainly used for:
 - Storing temporary data during automation
 - Recording user actions
 - Debugging errors
 - Creating new projects
- Which data type is used in UiPath to store a sequence of characters?
 - Boolean
 - String
 - Integer
 - Double
- State Machines are most appropriate for:
 - Processes with multiple states and transitions
 - Data scraping tasks
 - Desktop recording
 - Sequential workflows only
- Monitoring automation performance in UiPath Orchestrator is done through:
 - Logs and dashboards
 - Arguments
 - Variables panel
 - Output panel
- Which of the following is NOT a best practice in UiPath development?
 - Using descriptive variable names
 - Hard-coding credentials
 - Reusable workflows
 - Error handling
- Designing workflows for scalability means:
 - Making workflows only for small processes
 - Creating workflows that can adapt and expand for larger processes
 - Avoiding modular design
 - Reducing automation speed

10. Documentation of automation workflows is important because:

- a) It increases workflow execution speed
- b) It supports maintainability and knowledge transfer
- c) It replaces debugging
- d) It is optional and rarely needed

B. Answer following in one or two lines : (Short Answers) (ANY SIX) (12)

- 1. Mention one limitation of RPA with an example.
- 2. Which RPA tool is widely recognized for its enterprise-grade security?
- 3. What is the role of the Universal Search Box in UiPath Studio?
- 4. Differentiate between Flowcharts and State Machines in UiPath.
- 5. How do wildcards help in managing dynamic selectors?
- 6. What is the purpose of scheduling jobs in Orchestrator?
- 7. How are robots set up and managed in UiPath Orchestrator?
- 8. How does testing and validation improve automation reliability?

Q. 2. Answer Following in detail: (07)

A. Compare the features of UiPath, Automation Anywhere, and Blue Prism.

OR

A. Discuss the importance of recording in UiPath. Explain different recording types and their applications.

B. Evaluate the role of RPA in digital transformation and future workplaces. (05)

Q. 3. Answer Following in detail:

A. Explain the use of wildcards in selectors. How do they help in handling dynamic elements in automation? (07)

OR

A. Explain steps to perform recordings and their uniqueness.

B. Differentiate between full selectors and partial selectors in UiPath with suitable examples. (05)

Q. 4. Answer Following in detail:

A. Explain the working of OCR in UiPath with suitable examples of real-life use cases. (07)

OR

A. How does UiPath handle unstructured data extraction from PDFs or scanned documents? Discuss the limitations and solutions.

B. Describe Mouse and Keyboard automation in UiPath. Highlight different activities used and their practical applications (05)

Q. 5. Write short-note on following : (Any Two) (12)

- 1. Explain different testing and validation techniques in UiPath automation workflows.
- 2. Compare and contrast the adoption of UiPath automation in finance, healthcare and retail industries with real-world examples.
- 3. Discuss the process of creating and scheduling jobs in UiPath.