| 1. |  | What is a Flowchart in RPA, and in what situations is it best to use it? |
| --- | --- | --- |
|  |  | (or) |
| 2. |  | How do sequence and flowchart workflows differ in RPA, and what are their respective advantages? |
| 3. | a) | Compare the Full Text, Native, and OCR scraping methods in terms of speed, accuracy, and background execution. |
| b) | Describe the Native Citrix Recording type and explain when it should be used. |
|  |  | (or) |
| 4. | a) | What is data scraping in UiPath? Describe the steps involved in extracting structured data from a web page. |
| b) | How do automatic and manual recordings differ in UiPath? Provide examples of tasks that each type is suitable for. |
| 5 | a) | Define email automation and describe its significance in an RPA workflow. |
| b) | List and explain three common strategies for solving issues in RPA projects. |
|  |  | (or) |
| 6 | a) | Explain the difference between exception handling and error handling in an RPA process. Provide an example of each. |
| b) | Discuss the significance of logging in debugging and how it helps in RPA solutions. |

| 1. |  | Compare the following control flow activities in RPA: Delay, Do While and For Each. Provide a brief description of each and explain how they differ in terms of usage. |
| --- | --- | --- |
|  |  | (or) |
| 2. |  | What is the Assign activity in RPA, and how is it used in a workflow? |
| 3. | a) | Describe the process of generating tables from unstructured data using the Screen Scraping Wizard in UiPath. |
| b) | Compare the Desktop and Basic recording types in UiPath. How do they differ in terms of selector generation? |
|  |  | (or) |
| 4. | a) | What is the Active UI Framework in UiPath, and what are the available options? When should each option be used? |
| b) | What is Relative Scraping in UiPath? How does it help in scenarios where selectors cannot be found? |
| 5 | a) | Describe an example scenario where incoming email automation could be utilized effectively in business operations. |
| b) | Describe how catching errors during email automation can help in maintaining workflow reliability. |
|  |  | (or) |
| 6 | a) | What are the challenges in automating email tasks, and how can they be overcome using RPA? |
| b) | Discuss the steps involved in automating the process of sending emails in RPA. |

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| --- | --- | --- |
| 1 | What is the purpose of the Delay Activity in RPA? | [           ] |
| A. To delay the execution of an automation workflow for a specified amount of time |
| B. To execute an automation workflow multiple times |
| C. To respond to different conditions in an automation workflow |
| D. To interact with data in an automated workflow |
| 2 | What are the different types of control flow activities in RPA? | [           ] |
| A. Decision activities C. Sequence activities |
| B. Loop activities D. All of the above |
| 3 | What is an if else statement in RPA? | [           ] |
| A. A control flow activity that allows the automation workflow to execute different activities based on a condition |
| B. A control flow activity that allows the automation workflow to repeat a block of activities until a condition is met |
| C. A control flow activity that allows the automation workflow to group multiple activities together |
| D. None of the above |
| 4 | What is the Assign Activity in RPA? | [           ] |
| A. A control flow activity that allows the automation workflow to assign a value to a variable |
| B. A control flow activity that allows the automation workflow to execute different activities based on a condition |
|  | * C. A control flow activity that allows the automation workflow to repeat a block of activities until a condition is met |  |
|  | * D. None of the above |  |
| 5 | How do you import a new namespace in an RPA tool? | [           ] |
| A. Go to the Variables Panel and click the Import Namespace button. |
| B. Go to the Arguments Panel and click the Import Namespace button. |
|  | * C. Go to the Activities Panel and click the Import Namespace button. |  |
|  | D. Go to the Flowchart Panel and click the Import Namespace button. |  |
| 6 | What is the purpose of the If Activity in RPA? | [           ] |
| A. To execute an automation workflow based on a condition |
| B. To execute an automation workflow multiple times |
|  | * C. To respond to different conditions in an automation workflow * D. To interact with data in an automation workflow |  |
| 7 | What is the For Each activity in RPA? | [           ] |
| A. An activity that allows the automation workflow to loop through a collection of data items and perform an action on each item |
| B. An activity that allows the automation workflow to execute different activities based on a condition |
|  | * C. An activity that allows the automation workflow to wait for a specific event to occur * D. None of the above |  |
| 8 | 1. What are some common data manipulation tasks that can be performed in RPA?  * A. Cleaning and preparing data * B. Transforming data from one format to another * C. Analyzing data to identify trends and patterns * D. All of the above | [           ] |
| 9 | What are some of the benefits of using RPA for data manipulation? | [           ] |
| A. Increased accuracy and efficiency C. Increased productivity |
| B. Reduced costs D. All of the above |
| 10 | What is the difference between a collection and a table in RPA? | [           ] |
| A. A collection is a group of related items, while a table is a structured grid of data. |
| B. A collection can store any type of data, while a table can only store scalar variables. |
| C. A collection is unordered, while a table is ordered. |
| D. All of the above. |
| 11 | What is the difference between a collection and a table in RPA? | [           ] |
| A. A collection is a group of related items, while a table is a structured grid of data. |
| B. A collection can store any type of data, while a table can only store scalar variables. |
|  | * C. A collection is unordered, while a table is ordered. * D. All of the above |  |
| 12 | 1. What are some of the ways to gather and assemble data for use in RPA?  * A. From databases C. From websites * B. From spreadsheets D. All of the above | [           ] |
| 13 | Which of the following is an advanced recording technique? | [           ] |
| A. Using dynamic selectors C. Using anchors |
| B. Using partial selectors D. All of the above. |
| 14 | 1. What is screen scraping?  * A. The process of extracting data from a screen * B. The process of automating user interactions with a screen * C. The process of recording user interactions with a screen * D. None of the above. | [           ] |
| 15 | 1. What are some of the challenges of using RPA for data scraping?  * A. RPA can be complex to set up and maintain. * B. RPA can be expensive to implement. * C. RPA can be difficult to use for scraping dynamic content. * D. All of the above. | [           ] |
| 16 | 1. What is email automation?  * A. The process of using software to automate the sending and receiving of emails. * B. The process of using software to filter and manage emails. * C. The process of using software to create and send personalized emails. * D. All of the above. | [           ] |
| 17 | 1. What are some of the benefits of using incoming email automation?    * A. Improved customer service    * B. Increased productivity    * C. Reduced costs    * D. All of the above | [           ] |
| 18 | 1. What is incoming email automation?  * A. The process of using software to automatically route incoming emails to the appropriate people or departments. * B. The process of using software to automatically respond to incoming emails. * C. The process of using software to filter and manage incoming emails. * D. All of the above. | [           ] |
| 19 | 1. What is exceptional handling in email automation?  * A. The process of handling errors and unexpected events that occur during email automation. * B. The process of ensuring that email campaigns are compliant with all relevant laws and regulations. * C. The process of protecting email automation systems from cyberattacks. * D. All of the above. | [           ] |
| 20 | 1. What are some of the common challenges of exceptional handling in email automation?  * A. Unforeseen errors * B. Complex automation workflows * C. Lack of resources * D. All of the above | [           ] |