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**PRESIDENCY
UNIVERSITY
BENGALURU**

**School of Computer Science and Engineering
Mid - Term Examinations - November 2024**

Semester: V

Date: 08/11/2024

Course Code: CSE3209

Time: 02:00pm to 03:30pm

Course Name: Automation Design and Development

Max Marks: 50

Program: B.Tech

Weightage: 25%

Instructions:

(i) Read all questions carefully and answer accordingly.

(ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 2marks.

5Qx2M=10M

- | | | | | |
|---|---|---------|----|-----|
| 1 | Name two types of bots in RPA. | 2 Marks | L1 | CO1 |
| 2 | Mention two application areas of RPA. | 2 Marks | L1 | CO1 |
| 3 | Mention one type of template used in RPA. | 2 Marks | L1 | CO1 |
| 4 | How are Arguments used differently from Variables in RPA? | 2 Marks | L1 | CO2 |
| 5 | Define selectors in Automation. | 2 Marks | L1 | CO2 |

Part B

Answer ALL Questions. Each question carries 10 marks.

4Qx10M=40M

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|---|--|---------|----|-----|
| 6 | a. Explain the applications of RPA. | 5 Marks | L2 | CO1 |
| | b. Explain attended bots and unattended bots in RPA. | 5 Marks | L2 | CO1 |

Or

- | | | | | |
|---|--|---------|----|-----|
| 7 | a. Define Robotic Process Automation (RPA) and discuss its primary benefits for organizations. | 5 Marks | L2 | CO1 |
| | b. Identify and explain at least three application areas of RPA in various industries. | 5 Marks | L2 | CO1 |

8 Briefly explain the components of RPA platform with a neat diagram. 10 Marks L2 C01

Or

9 a. Explain different types of templates available in RPA and their specific use cases. 5 Marks L2 C01

b. Explain Domains in RPA activities. 5 Marks L2 C01

10 a. Describe the Imports Panel in an RPA environment and explain how it is used to enhance workflow capabilities. 5 Marks L2 C02

b. What are User Events in RPA, and how can they be utilized to trigger specific actions within a workflow? 5 Marks L2 C02

Or

11 a. How does Recording work in RPA, and how can it simplify the creation of automation workflows? Describe its advantages and limitations. 5 Marks L2 C02

b. What is data scraping in RPA, and why is it crucial for automation? Provide an example of its use. 5 Marks L2 C02

12 Explain the step by step procedure to build a workflow using Switch activity that asks user their eye color and display their personality type in a message box. 10 Marks L2 C02

Or

13 a. Explain the step by step procedure to check the eligibility of a person for voting with the help of UiPath Studio. 5 Marks L2 C02

b. Define App Integration in RPA and provide an example of how it can improve efficiency in a data extraction process. 5 Marks L2 C02