

Code No: 158FD**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****B.Tech IV Year II Semester Examinations, June - 2024****ROBOTIC PROCESS AUTOMATION****(Computer Science and Engineering (Artificial Intelligence and Machine Learning))****Time: 3 Hours****Max. Marks: 75**

- Note:** i) Question paper consists of Part A, Part B.
ii) Part A is compulsory, which carries 25 marks. In Part A, Answer all questions.
iii) In Part B, Answer any one question from each unit. Each question carries 10 marks and may have a, b as sub questions.

PART – A**(25 Marks)**

- 1.a) Define RPA and state its significance in modern business processes. [2]
- b) Provide examples of industries or sectors where RPA is commonly implemented with an use cases. [3]
- c) Define the purpose of a web control room in client management. [2]
- d) What functionalities does the "Home" section typically offer in a dashboard? [3]
- e) How are device pools managed within the platform? [2]
- f) Define the concept of queues in the context of workload management. [3]
- g) Define bot creator and explain its significance in automation. [2]
- h) Explain the concept of recorders in automation. [3]
- i) What are some common terminal emulator commands and their respective functions? [2]
- j) Provide examples of PDF integration commands and write their usage scenarios? [3]

PART – B**(50 Marks)**

- 2.a) Outline the key features and functionalities offered by Automation Anywhere Enterprise.
- b) Describe advanced features such as IQ Bot, Meta Bots, and Bot Insight, and explain their respective capabilities of Automation Anywhere Enterprise. [5+5]

OR

- 3.a) Compare different methods of bot creation within Automation Anywhere Enterprise, such as task recorders, drag-and-drop builders, and scripting.
 - b) Explain how Automation Anywhere Enterprise facilitates bot testing, debugging, and deployment processes. [5+5]
- 4.a) Discuss the role of the "View Tasks in Progress" and "Scheduled Tasks" sections in managing workflow within a web control room.
 - b) How does the management of credentials contribute to the security and functionality of bots within a web control room? [5+5]

OR

- 5.a) How can insights derived from dashboard data aid in strategic decision-making for client management?
- b) Describe the process of viewing uploaded bots in a web control room. [5+5]

- 6.a) Describe the process of accessing and interpreting the information stored in the audit log.
- b) Discuss the challenges and strategies involved in data migration within the system.[5+5]

OR

- 7.a) Explain how developers can utilize these APIs to extend the functionality of the system.
- b) Identify any areas for improvement or future enhancements based on the examination discussions. [5+5]

- 8.a) Describe the features and functionalities of smart recorders.
- b) Discuss the steps involved in using a web recorder to automate web-based processes.[5+5]

OR

- 9.a) Explain the role of screen recorders in automation.
- b) How does a task editor contribute to the efficiency of the automation process? [5+5]

- 10.a) Describe the FTP command and its role in file transfer operations over a network.
- b) What are some best practices for using the PGP command to maintain data security?[5+5]

OR

- 11.a) What are the potential risks and benefits associated with object cloning commands?
- b) Can you explain the functionalities and features typically found in a report designer tool? [5+5]

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