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Eighth Semester B.E. Degree Examination, June/July. 2023
Robotic Process Automation Design and Development

Time: 3 hrs.　　　　　　　　　　　　　　　　　　　　　Max. Marks: 100

Note: *Answer any FIVE full questions, choosing ONE full question from each module.*

Module-1

1 a. How is BPM different from RPA? **(10 Marks)**
　　b. Explain on-premise technology and benefits, issues of on-premise technology. **(10 Marks)**

OR

2 a. Discuss OCR and the challenges of scanning with OCR. **(10 Marks)**
　　b. Explain the benefits of RPA. **(10 Marks)**

Module-2

3 a. With a neat diagram, explain the user interface of Uipath studio. **(10 Marks)**
　　b. Explain Uipath orchestrator. **(10 Marks)**

OR

4 a. Explain four different types of recording in Uipath studio. **(10 Marks)**
　　b. Explain BluePrism, workfusion and Automation Anywhere platforms of RPA. **(10 Marks)**

Module-3

5 a. Explain the notations of flowcharts and also the steps involved in a flowchart that accepts two numbers and checks in a whether the sum is less than 20. **(10 Marks)**
　　b. Design a sequence that asks for the name of the user and then displays his/her response. **(10 Marks)**

OR

6 a. Explain Append Range operation of excel file. **(10 Marks)**
　　b. Explain the steps to go through a collection of even numbers and display each element one at a time using "for each Activity". **(10 Marks)**

Module-4

7 a. Explain the mouse activities of Uipath studio. **(10 Marks)**
　　b. Explain the different types of handling events in UI explorer. **(10 Marks)**

OR

8 a. Define screen scraping and explain scraping methods. **(10 Marks)**
　　b. With an example discuss when to use OCR. **(10 Marks)**

Module-5

9 a. Explain four types of debugging techniques used in Uipath studio. **(10 Marks)**
　　b. Explain the common exceptions of Uipath. **(10 Marks)**

OR

10 a. Explain client and server logging in Uipath studio. **(10 Marks)**
　　b. Define exception handling and explain Try catch block of exception handling. **(10 Marks)**

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