**POORNIMA UNIVERSITY, JAIPUR**

**END SEMESTER EXAMINATION, APRIL 2023**

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|  | **2BT4140** | Roll No. | Total Printed Pages: 2 |
| **2BT4140** |  |
| B. Tech. II Year IV Semester- (Main/Back) End Semester Examination, April 2023  **(AI&DS)** | |
| **BADCCE4104 : RPA Tool** | | | |

# Time: **3** Hours. Total Marks: **60**

Min. Passing Marks: **21**

Attempt **five** questions selecting one question from each Unit. There is internal choice from Unit I to Unit V. Marks of each question or its parts are indicated against each question / parts. Draw neat sketches wherever necessary to illustrate the answer. Assume missing data suitably (if any) and clearly indicate the same in the answer.

Use of following supporting material is permitted during examination for this subject.

# **1.--------------------------Nil--------------------** **2.------------------Nil-----------------------**

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|  |  | **UNIT-I (CO1)** | **Marks** | **Bloom Level** |
| **Q.1** | **(a)** | What is RPA? What are the basic components of RPA? What are the benefits of RPA? | **(6)** | **Remember** |
|  |  |  |  |  |
|  | **(b)** | What are three main RPA tools? What are the basic components of UiPath? Explain briefly. | **(6)** | **Remember** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.2** | **(a)** | Implement UiPath steps to check the number is Prime or not? | **(6)** | **Apply** |
|  |  |  |  |  |
|  | **(b)** | How many types of recorders available in UiPath? Write down the steps to record a task using web recorder. | **(6)** | **Apply** |
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|  |  | **UNIT-II (CO2)** |  |  |
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| **Q.3** | **(a)** | Define the method and write down the necessary steps to create store set of data of three attributes for latest 5G smartphones. | **(6)** | **Apply** |
|  |  |  |  |  |
|  | **(b)** | Discuss the differences between Flow decision and Flow switch with example. Write down the steps to choose respective classrooms for specific program as mentioned below:  i. B.tech IVth sem (AI&DS)-27A and 27B  ii. BCA IVth sem (AI&DS)-36A and 36B | **(6)** | **Remember and Apply** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
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| **Q.4** | **(a)** | Implement UiPath steps to store a set of data of telephone directory in word file. | **(6)** | **Apply** |
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|  | **(b)** | Give an example to store a set of string type data using for-each activity and explain each step. | **(6)** | **Apply** |
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|  |  | **UNIT-III (CO3)** |  |  |
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| **Q.5** | **(a)** | Describe the process to create a Pivot table in excel file using necessary UiPath activities. | **(6)** | **Apply** |
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|  | **(b)** | What is ‘Log message’ activity? Explain with set of activities. Write down the difference between ‘Write line’ and ‘Log message’ activity. | **(6)** | **Understand** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
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| **Q.6** | **(a)** | Write down the necessary steps to calculate the remaining bank balance of a person after deducting medical insurance and EMI of car from salary. Show the result in output panel of UiPath studio. | **(6)** | **Apply** |
|  |  |  |  |  |
|  | **(b)** | Create a bar chart in excel using UiPath. Write down the steps. | **(6)** | **Apply** |
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|  |  | **UNIT-IV (CO4)** |  |  |
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| **Q.7** | **(a)** | What is UI Element? Explain with example. | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | What is wildcard in UiPath? Give an Example of Generating a Selector With Wildcards in the Selector Editor Window. | **(6)** | **Understand and Apply** |
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|  |  | **OR** |  |  |
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| **Q.8** | **(a)** | Describe Data Scraping. Explain with an example. | **(6)** | **Remember** |
|  |  |  |  |  |
|  | **(b)** | What are the differences between different types of Screen Scrapping Techniques? | **(6)** | **Remember** |
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|  |  | **UNIT V (CO5)** |  |  |
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| **Q.9** | **(a)** | What is Orchestrator? Describe Dashboard, Robots, Processes, Jobs, Queues, Schedules, Transaction in Orchestrator. | **(6)** | **Remember** |
|  |  |  |  |  |
|  | **(b)** | Extract your email details (such as; Date, Sender, Subject) and store it to excel file. | **(6)** | **Apply** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
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| **Q.10** | **(a)** | Automate your email using UiPath to send a folder with different types of files to another email ID. Write down the necessary steps and execute. | **(6)** | **Apply** |
|  |  |  |  |  |
|  | **(b)** | Define Global exception handler in UiPath with an example. | **(6)** | **Remember** |