**POORNIMA UNIVERSITY, JAIPUR**

**END SEMESTER EXAMINATION, November 2022**

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|  | **2BC3104** | Roll No. | Total Printed Pages: 2 |
| **2BC3104** |  |
| BCA II Year III- Semester (Main/Back) End Semester Examination, November 2022  **(AIDS)** | |
| **BASCCA3104 : Introduction to RPA Tools** | | | |

# 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 do you understand by automation? What can be and what should be automated? What are the techniques of automation? | **(6)** | **Remember** |
|  |  |  |  |  |
|  | **(b)** | What is RPA? What are the basic components of RPA? What are the benefits of RPA? | **(6)** | **Remember** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.2** | **(a)** | What are three main RPA tools? What are the basic components of UiPath? Explain briefly. | **(6)** | **Remember** |
|  |  |  |  |  |
|  | **(b)** | How many types of recorders available in UiPath? Write down the steps to record a task using basic recorder. | **(6)** | **Remember and Apply** |
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|  |  | **UNIT-II (CO2)** |  |  |
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| **Q.3** | **(a)** | What are the different types of control activities? What is assign activity? Explain with an example and define function of delay activity in it. | **(6)** | **Understand and Apply** |
|  |  |  |  |  |
|  | **(b)** | What is the main difference between variable and argument? Write the steps to insert 5 elements in an array. | **(6)** | **Understand and Apply** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
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| **Q.4** | **(a)** | What is collection? How to check a number is even or odd? Explain. | **(6)** | **Understand and Apply** |
|  |  |  |  |  |
|  | **(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)** |  |  |
|  |  |  |  |  |
| **Q.5** | **(a)** | What is Fibonacci series? Display Fibonacci series using UiPath activities. | **(6)** | **Apply** |
|  |  |  |  |  |
|  | **(b)** | What is ‘Log message’ activity? Explain with set of activities. Write down the difference between ‘Write line’ and ‘Log message’ activity. | **(6)** | **Apply** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
| **Q.6** | **(a)** | Write down the steps to read a excel file and display the information. | **(6)** | **Apply** |
|  |  |  |  |  |
|  | **(b)** | Use write cell activity to store data in excel file. | **(6)** | **Apply** |
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|  |  | **UNIT-IV (CO4)** |  |  |
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| **Q.7** | **(a)** | What are the different types of Screen Scrapping methods available? Explain any of two with example. | **(6)** | **Remember** |
|  |  |  |  |  |
|  | **(b)** | What are the differences between different types of Screen Scrapping Techniques? | **(6)** | **Remember** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
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| **Q.8** | **(a)** | Write down the steps to automate a song on Youtube using Data Scrapping. | **(6)** | **Apply** |
|  |  |  |  |  |
|  | **(b)** | What is Data Scrapping? Explain with an example. | **(6)** | **Remember** |
|  |  |  |  |  |
|  |  | **UNIT V (CO5)** |  |  |
|  |  |  |  |  |
| **Q.9** | **(a)** | How will you automate your email using UiPath to send a folder with different types of files to another email ID? Write down the necessary steps and explain. | **(6)** | **Apply** |
|  |  |  |  |  |
|  | **(b)** | Extract your email details (such as; Date, Sender, Subject) and store it to excel file. | **(6)** | **Apply** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.10** | **(a)** | What is Orchestrator? Describe Dashboard, Robots, Processes, Jobs, Queues, Schedules, Transaction in Orchestrator. | **(6)** | **Understand** |
|  |  |  |  |  |
|  | **(b)** | Write down the steps to extract data from PDF without using any scrapping methods. | **(6)** | **Apply** |