**POORNIMA UNIVERSITY, JAIPUR**

**END SEMESTER EXAMINATION, November 2022**

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|  | **4BT7104** | Roll No. | Total Printed Pages: 1 |
| **4BT7104** |  |
| B. Tech. IV Year VII- Semester (Main/Back) End Semester Examination, November 2022  **(AI)** | |
| **BAI07104 : Intelligent Process Automation** | | | |

# 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)** | Define CPA. List out different techniques of CPA. Explain any 1 CPA techniques. | **(6)** | **Knowledge** |
|  | **(b)** | Explain UiPath architecture. Draw a neat and clean UiPath diagram. | **(6)** | **Understand** |
|  |  | **OR** |  |  |
| **Q.2** | **(a)** | List out the features of CPA. What are the necessary components of CPA? Explain their work. | **(6)** | **Knowledge** |
|  | **(b)** | Explain installing steps of UiPath. What is the need of a database in UiPath? | **(6)** | **Understand** |
|  |  | **UNIT-II (CO2)** |  |  |
| **Q.3** | **(a)** | How to link the pages in UiPath? What is the role of collection and loop in Uipath? | **(6)** | **Apply** |
|  | **(b)** | Define flowchart. What are the advantages of flowcharts? Design a flowchart of 3 decision-making functions in UiPath. | **(6)** | **Create** |
|  |  | **OR** |  |  |
| **Q.4** | **(a)** | Explain the working of object studio. Differentiate between object studio and process studio. | **(6)** | **Understand** |
|  | **(b)** | Manish wants to develop a data science project. He needs data in table form help him to extract data from a CSV/Excel file to a data table. | **(6)** | **Evaluate** |
|  |  | **UNIT-III (CO3)** |  |  |
| **Q.5** | **(a)** | Describe Ribbon, toolbars access in user interface components. What is debugging in UiPath? And how it works? | **(6)** | **Understand** |
|  | **(b)** | Define variable? Explain the properties of UI and write short notes on the Universal search bar. | **(6)** | **Understand** |
|  |  | **OR** |  |  |
| **Q.6** | **(a)** | Difference between project panel and outline panel. Write short notes on the local panel. | **(6)** | **Analyze** |
|  | **(b)** | Explain UI automation and discuss its properties. What is the use of the Ribbon component in UiPath? | **(6)** | **Understand** |
|  |  | **UNIT-IV (CO4)** |  |  |
| **Q.7** | **(a)** | Discuss TDM and DTM. Explain the text cleaning and stemming process with a suitable example. | **(6)** | **Understand** |
|  | **(b)** | Describe in detail the term NLP API consumption. Explain Dependency Parsing in NLP. | **(6)** | **Understand** |
|  |  | **OR** |  |  |
| **Q.8** | **(a)** | List out the different types of triggers used in NLP. Differentiate between Hotkey triggers and System Triggers. | **(6)** | **Understand** |
|  | **(b)** | Explain the sentiment analysis model in NLP. | **(6)** | **Understand** |
|  |  | **UNIT V (CO5)** |  |  |
| **Q.9** | **(a)** | What are the OCR activities? What is the use of OCR? Explain different types of OCR. | **(6)** | **Knowledge** |
|  | **(b)** | Explain email automation. How is email automation changing today’s business scenario? | **(6)** | **Analyze** |
|  |  | **OR** |  |  |
| **Q.10** | **(a)** | Explain mouse and keyboard activities in image automation. Explain the components used in image classification. | **(6)** | **Understand** |
|  | **(b)** | Explain the robotic enterprise framework. Explain the types of exceptions and also differentiate between exception and error. | **(6)** | **Understand** |