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## NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA

(An Autonomous Institute Affiliated to AKTU, Lucknow)

M.C.A.

SEM: IV - THEORY EXAMINATION (2021 - 2022)

Subject: RPA Development

Time: 3 Hours

Max. Marks: 100

## General Instructions:

1. The question paper comprises three sections, A, B, and C. You are expected to answer them as directed.
2. Section A - Question No- 1 is 1 mark each & Question No- 2 carries 2 mark each.
3. Section B - Question No-3 is based on external choice carrying 6 marks each.
4. Section C - Questions No. 4-8 are within unit choice questions carrying 10 marks each.
5. No sheet should be left blank. Any written material after a blank sheet will not be evaluated/checked.

## SECTION A

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## 1. Attempt all parts:-

- 1-a. What is the full form of OCR? (CO1) 1
- (a) Optical Character Recognition.
  - (b) Optimum Character Recognition
  - (c) Optical Code Recognition
  - (d) Optimum Code Reader
- 1-b. What is the full form of MODI? (CO1) 1
- (a) Microsoft Office Design Image
  - (b) Macro Office Design Imagination
  - (c) Microsoft Office Document Imaging
  - (d) Mix office document Image
- 1-c. Which of the following can be used to download a file? (CO2) 1
- (a) App Integration
  - (b) Pattern Data
  - (c) Web Recorder
  - (d) None of the above
- 1-d. RPA is primarily used for \_\_\_\_\_. (CO2) 1
- (a) Automating business processes
  - (b) Automating BPO process only
  - (c) Automating banking processes only
  - (d) None of the above
- 1-e. In RPA process layered approach, \_\_\_\_\_ factors make up being strong determinants of scalability and reliability. (CO3) 1
- (a) Categorization
  - (b) Abstract
  - (c) Re-usability
  - (d) Parameterization
- 1-f. As a Control Room user with 'Manage and Update all schedules' privileges, one can activate or deactivate scheduled activities in the following ways. (CO3) 1
- (a) Either Individually or In bulk
  - (b) Only Individually
  - (c) Only In Bulk

- (d) None of these
- 1-g. Which of the following is not the screen scraping method in RPA? (CO4) 1
- (a) Full Text
- (b) MCR
- (c) Native
- (d) OCR
- 1-h. Google's OCR is called \_\_\_\_\_. (CO4) 1
- (a) MODI
- (b) Tesseract
- (c) Datacap
- (d) AWS
- 1-i. \_\_\_\_\_ is an exception handling mechanism used to tackle exception in RPA. (CO5) 1
- (a) Selector
- (b) Try Catch
- (c) OCR
- (d) None of these
- 1-j. What is the full form of RPA? (CO5) 1
- (a) Roman Process amplifier
- (b) Robotic Process amplifier
- (c) Robotic Programmed automation
- (d) Robotic Process Automation

2. Attempt all parts:-

- 2.a. Define Robotic Process Automation. (CO1) 2
- 2.b. Differentiate between probots and chatbots.(CO2) 2
- 2.c. Explain the End state. (CO3) 2
- 2.d. Explain the Debugging. (CO4) 2
- 2.e. Define Exception handling. (CO5) 2

#### SECTION B

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3. Answer any five of the following:-

- 3-a. Explain in detail UiPath Studio for automation. (CO1) 6
- 3-b. Explain the Automatic Recording Activities in detail. (CO1) 6
- 3-c. Describe the process of filling a web form from an excel sheet. (CO2) 6
- 3-d. Explain the concept of disk cleanup.(CO2) 6
- 3.e. Explain the concept of Guessing game in UiPath. (CO3) 6
- 3.f. Explain the types of user interface. (CO4) 6
- 3.g. Explain the "Try catch" mechanism. (CO5) 6

#### SECTION C

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4. Answer any one of the following:-

- 4-a. Explain the procedure for displaying a Sun Sign. (CO1) 10
- 4-b. Explain with examples, the procedure of screen scraping. (CO1) 10

5. Answer any one of the following:-

- 5-a. Explain the difference between screen scraping and data scraping with suitable examples.(CO2) 10
- 5-b. Explain the different ways to filter DataTable in UiPath.(CO2) 10

6. Answer any one of the following:-

- 6-a. Explain the technique for creating library path in RPA.(CO3) 10
- 6-b. Explain in detail the different types of workflows used in UiPath.(CO3) 10
7. Answer any one of the following:-
- 7-a. Explain the process of extracting data from an invoice image in UiPath Studio.(CO4) 10
- 7-b. Explain the different types of Recording available in UiPath Studio.(CO4) 10
8. Answer any one of the following:-
- 8-a. Explain the use of debugging tools to locate and fix the errors.(CO5) 10
- 8-b. Explain the functions of an orchestrator in UiPath Studio.(CO5) 10