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NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA

(An Autonomous Institute Affiliated to AKTU, Lucknow)

M.Tech.

SEM: II - THEORY EXAMINATION (2021 - 2022)

Subject: Robotic Process Automation

Time: 3 Hours

Max. Marks: 70

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 marker & Question No- 2 carries 2 marks each.
3. Section B - Question No-3 is based on external choice carrying 4 marks each.
4. Section C - Questions No. 4-8 are within unit choice questions carrying 7 marks each.
5. No sheet should be left blank. Any written material after a blank sheet will not be evaluated/checked.

SECTION A

15

1. Attempt all parts:-

- 1-a. Which of the following is a tool used in RPA? [CO1] 1
- (a) Blue Prism
 - (b) Ganache
 - (c) Truffle
 - (d) Tableau
- 1-b. Automation Anywhere provide [CO2] 1
- (a) easy programming
 - (b) easy integration
 - (c) quick deployment
 - (d) All of the above
- 1-c. Which command is used to read a check box in a PDF? [CO3] 1
- (a) Extract from field
 - (b) Extract text
 - (c) OCR
 - (d) Check box cannot be extracted

- 1-d. MetaBots help automate without requiring access to the live application [CO4] 1
- (a) TRUE
- (b) FALSE
- 1-e. It is a web based, centralized server of Automation Anywhere [CO5] 1
- (a) web control room
- (b) deployment control room
- (c) scheduling control room
- (d) monitor control room

2. Attempt all parts:-

- 2.a. How the term "Automation" was coined and who is the term originator? [CO1] 2
- 2.b. What is a Control Room? [CO2] 2
- 2.c. What is the difference between Put files/ folders and Get files/Folders commands? [CO3] 2
- 2.d. What are IQ Bots ? [CO4] 2
- 2.e. What do we manage historical activities ? [CO5] 2

SECTION B 20

3. Answer any five of the following:-

- 3-a. What are the basic building block of a program? [CO1] 4
- 3-b. What is an algorithm and a sequence? [CO1] 4
- 3-c. How automation can be used in each domain? [CO2] 4
- 3-d. Explain 4 client features of Automation Anywhere [CO2] 4
- 3.e. What are list type and array type variable ? [CO3] 4
- 3.f. How do we use add folders and add screen options in MetaBots designer. [CO4] 4
- 3.g. As an admin of control room, which activities you can perform on users page? [CO5] 4

SECTION C 35

4. Answer any one of the following:-

- 4-a. Explain the agile development methodology in RPA. [CO1] 7
- 4-b. Explain the data structures used in RPA with suitable diagrams. [CO1] 7

5. Answer any one of the following:-

- 5-a. How Automation Anywhere can scale up from desktop to Data centres? [CO2] 7
- 5-b. Explain the procedure to create a bot in Automation Anywhere Community Edition. [CO2] 7

6. Answer any one of the following:-

- 6-a. List all the variables under system variables and explain them. [CO3] 7
- 6-b. How do you connect to a FTP/SFTP server? [CO3] 7

7. Answer any one of the following:-

- 7-a. Explain the actions for Buttons and Text Box for import dataset commands. [CO4] 7
- 7-b. Explain the installation of an IQ Bots in cluster mode. [CO4] 7

8. Answer any one of the following:-

- 8-a. What do you mean by secure and Centralized credentials? [CO5] 7
- 8-b. What is AAE_Admin, AAE_Queue_Admin and AAE_Pool_Admin? [CO5] 7