

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA
(An Autonomous Institute Affiliated to AKTU, Lucknow)

M.Tech

SEM: II - THEORY EXAMINATION (2024- 2025)

Subject: Robotic Process Automation

Time: 3 Hours

Max. Marks: 70

General Instructions:

IMP: Verify that you have received the question paper with the correct course, code, branch etc.

1. This Question paper comprises of **three Sections -A, B, & C**. It consists of Multiple Choice Questions (MCQ's) & Subjective type questions.
2. Maximum marks for each question are indicated on right -hand side of each question.
3. Illustrate your answers with neat sketches wherever necessary.
4. Assume suitable data if necessary.
5. Preferably, write the answers in sequential order.
6. 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. Who has originated the word "Automation"? [CO1,K1] 1
- (a) D.S. Harder
 - (b) Richard Arkwright
 - (c) Oliver Evans
 - (d) Christian Huygens
- 1-b. It is deployed for multiple departments to focus on processes that require human intervention ? [CO2,K1] 1
- (a) easy integration
 - (b) quick deployment
 - (c) build for complexity
 - (d) made for enterprise
- 1-c. What is used to perform the tasks that require repetitive actions? [CO3,K1] 1
- (a) task editor
 - (b) web recorder
 - (c) smart recorder
 - (d) screen recorder
- 1-d. MetaBots doesn't eliminate common navigational error. [CO4,K1] 1
- (a) TRUE
 - (b) FALSE

- (c) None of these
 - (d) Cant Say
- 1-e. What page of the control room gives information about the user? [CO5,K1] 1
- (a) users
 - (b) roles
 - (c) licence
 - (d) None of the above

2. Attempt all parts:-

- 2.a. Define Scope in RPA Programming Constructs? [CO1,K1] 2
- 2.b. Explain any two differences between Task bot, MetaBots and IQ Bots. [CO2,K2] 2
- 2.c. Define Smart recorder and its benefits?[CO3,K1] 2
- 2.d. Discuss different object types used in MetaBots.[CO4,K2] 2
- 2.e. Discuss the key tasks of control room admin ?[CO5,K2] 2

SECTION-B

20

3. Answer any five of the following:-

- 3-a. Explain the uses of an argument. [CO1,K2] 4
- 3-b. Describe the major classes/categories of robot architecture. [CO1,K2] 4
- 3-c. Explain the important components of RPA Automation Anywhere. [CO2,K2] 4
- 3-d. Discuss the pre-requisites while installing Automation Anywhere enterprise edition? [CO2,K2] 4
- 3.e. Demonstrate the use of internet command with suitable examples [CO3,K3] 4
- 3.f. Demonstrate the steps to configure a screen object in MetaBots ? [CO4,K3] 4
- 3.g. Explain various aspects of license management console. [CO5,K2] 4

SECTION-C

35

4. Answer any one of the following:-

- 4-a. Discuss the three control flow architectures of RPA with suitable of diagram. [CO1,K2] 7
- 4-b. Explain the risk and challenges associated with RPA? [CO1,K2] 7

5. Answer any one of the following:-

- 5-a. Explain the benefits of Automation Anywhere. [CO2,K2] 7
- 5-b. Compare and Contrast between Automation Anywhere and RPA. [CO2,K3] 7

6. Answer any one of the following:-

- 6-a. Demonstrate the steps to use select image operation under image recognition command ? [CO3,K2] 7
- 6-b. Explain the quick test button functions under image recognition command. [CO3,K2] 7

7. Answer any one of the following:-

- 7-a. Define Metabots. List down the key aspects of Metabots in RPA. Differentiate between Metabots and Taskbots [CO4,K2] 7
- 7-b. Explain the actions for combo box and list view for export dataset commands. [CO4,K2] 7
8. Answer any one of the following:-
- 8-a. Explain Enterprise Identity Management. [CO5,K2] 7
- 8-b. Explain the role of Microsoft SQL server for Control room database. [CO5,K2] 7

REG:JAN_JUN-2025