

University of Mumbai

Examination First Half 2022 under cluster

Curriculum Scheme: MCA ( 2year – 2020 Course)

Examination: M.C.A Semester II (Keep the Required)

Course Code: MCAE243 and Course Name: Robotic Process Automation

Time: 2 hour 30 minutes

Max. Marks: 80

Table with 2 columns: Question ID and Question/Options. Contains 8 questions about RPA concepts like automation types, web scraping, bot types, and actions.

7.	Time Series Data is mostly generated by _____ bots.
Option A:	Chat bots
Option B:	Manual bots
Option C:	Autonomous bots
Option D:	Robots
8.	“Extracting product data for comparison shopping on Amazon, Ebay or other similar sites” is example of
Option A:	Unattended RPA
Option B:	Attended RPA
Option C:	Email automation
Option D:	Web Scrapping
9.	The variable _____ is a collection of key-value pairs, in which each key has a value.
Option A:	Data Table
Option B:	List
Option C:	Dictionary
Option D:	Number
10.	The _____ option to specify the number of times the set of actions will be repeated as part of the Loop action
Option A:	<b>Iterator</b>
Option B:	Variable
Option C:	Action
Option D:	package

<b>Q2</b> <b>(20 Marks Each)</b>	
A	<b>Solve any One 10 Marks Each</b>
i	Explain different stages of analysis and development of BOTs
ii	Explain purpose of OCR package of Automation Anywhere. Also explain any 4 methods of OCR package.
B	<b>Solve any One 10 Marks Each</b>
i	Explain CRISP-DM Process for RPA data generation in details.
ii	Explain the steps to design and implement IQ bot.

<b>Q3</b> <b>(20 Marks Each)</b>	
A	<b>Solve any Two 5 Marks Each</b>
i	Write a short note on Data Table package.
ii	Explain automation design.
iii	Explain how RPA and Workflow automation are related with each other.
B	<b>Solve any One 10 Marks Each</b>
i	Write the steps to design bot to copy contents of text file into excel file. Also explain required packages with necessary actions .
ii	Explain IQ bot process workflow in detail.
<b>Q4</b>	

<b>A</b>	<b>Solve any Two</b>	<b>5 Marks Each</b>
i	Distinguish between IQ bot and task bot	
ii	Explain how loops are used in development of BOTs. Also explain various parameters used in loop.	
iii	Write a short note on Advanced Excel package.	
<b>B</b>	<b>Solve any One</b>	<b>10 Marks Each</b>
i	Explain authentication process for attended as well as unattended automation.	
ii	Write the steps to design bot to extract table from webpage into excel file. Also explain required packages with necessary actions.	