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P.E.S. College of Engineering, Mandya - 571 401

(An Autonomous Institution affiliated to VTU, Belagavi)

Eighth Semester, B.E. - Information Science and Engineering
Semester End Examination; Aug. / Sep. - 2020
Robotic Process Automation

Time: 3 hrs   Max. Marks: 100

*Note: i) Answer **TWO** full questions, selecting **ONE** full question from UNIT - I and UNIT - II.*
*ii) Answer any **THREE** full questions, choosing from UNIT - III, UNIT - IV and UNIT - V.*

UNIT - I

1 a.	Explain the scope and techniques of automation.	10
b.	List out and explain the benefits of Robotic Process Automation.	10

OR

2 a.	Explain three basic components of UiPath.	10
b.	State the purpose of Task recorder and explain the four types of recording in UiPath studio.	10

UNIT - II

3 a.	What is sequence? Explain with example by considering a simple project that asks name of the user and then displays his (or) her name as a response.	10
b.	List and explain different types of control flow activities.	10

OR

4 a.	What is Data Manipulation? Explain variables and collection with respect to Data Manipulation.	10
b.	Explain File operations with step by step example.	10

UNIT - III

5 a.	List and explain the activities that help in finding the controls.	10
b.	Explain the entities used to tackle failure points.	10
6 a.	Explain the following i) Terminal plug in ii) SAP automation	10
b.	Explain the methodologies that are used extensively for integrating with the web.	10

UNIT - IV

7 a.	Discuss monitoring system event triggers with an example.	10
b.	Illustrate, Launching an assistant bot on a keyboard event with an example.	10
8 a.	Demonstrate how we can handle exceptions with an example?	10
b.	Explain the steps to enable and disabling crash dumps.	10

UNIT - V

9 a.	Explain how to nest a workflow inside a single workflow with an example?	10
b.	When to use Flowcharts, State Machine or Sequence? Explain.	10
10 a.	How to publish a workflow in UiPath? Explain.	10
b.	Discuss Activating and Uploading a licience to Orchertrator.	10

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