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**BRAINWARE UNIVERSITY**

**Term End Examination 2023**  
**Programme – B.Sc.(IT)-AI-2020**  
**Course Name – Robotic Process Automation**  
**Course Code - BAIC602**  
**( Semester VI )**

**Full Marks : 60**

**Time : 2:30 Hours**

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

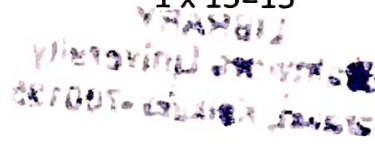
**Group-A**

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) \_ defines the instructions that the robot must follow.
  - a) process recorder
  - b) robot controller
  - c) developer tools
  - d) None of the options
- (ii) \_ deploy(s) jobs to the software robots
  - a) Process recorder
  - b) Developer tools
  - c) Robot Controller
  - d) None of the options
- (iii) What is the field of Natural Language Processing (NLP)?
  - a) Computer Science
  - b) Artificial Intelligence
  - c) Linguistics
  - d) All of the mentioned
- (iv) What is the main challenge/s of NLP?
  - a) Handling Ambiguity of Sentences
  - b) Handling Tokenization
  - c) Handling POS-Tagging
  - d) All of the mentioned
- (v) Choose form the following areas where NLP can be useful.
  - a) Automatic Text Summarization
  - b) Automatic Question-Answering Systems
  - c) Information Retrieval
  - d) All of the mentioned
- (vi) Which of the following includes major tasks of NLP?
  - a) Automatic Summarization
  - b) Discourse Analysis
  - c) Machine Translation
  - d) All of the mentioned
- (vii) What is Coreference Resolution?
  - a) Anaphora Resolution
  - b) Given a sentence or larger chunk of text, determine which words (“mentions”) refer to the same objects (“entities”)
  - c) All of the mentioned
  - d) None of the mentioned
- (viii) Identify the major problem in Machin Translation
  - a) Referential Ambiguity
  - b) Stop Words
  - c) Emotions
  - d) Proper Noun



- (ix) How the words 'Consultants' will be stemmed?  
 a) Consultant  
 b) Consult  
 c) Consults  
 d) No Change
- (x) What does RPA stand for ?  
 a) Robotic process Automation  
 b) Robot process automation  
 c) Robotic procedure Automation  
 d) Robotic Procedure Automation
- (xi) Unclear inputs, Social Context, Task distribution, and Transformation are some of the key attributes which describe \_\_\_\_\_ RPA.  
 a) Autonomous  
 b) Cognitive  
 c) Intellisense  
 d) Assisted
- (xii) In RPA process layered approach, \_\_\_\_\_ factors make up being strong determinants of scalability and reliability.  
 a) Categorization  
 b) Abstract  
 c) Re-usability  
 d) Parameterization
- (xiii) \_\_\_\_\_ is used for nesting of sub steps in a job.  
 a) Developer Tools  
 b) Process recorder  
 c) Robot Controller  
 d) None of the options
- (xiv) \_\_\_\_\_ provides instructions to robot.  
 a) Process recorder  
 b) Robot Controller  
 c) Developer Tools  
 d) Process Controller
- (xv) \_\_\_\_\_ publishes data to the master repository  
 a) Process Recorder  
 b) Process Developers  
 c) Robot Controller  
 d) None of the options

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**Group-B**  
 (Short Answer Type Questions)

3 x 5=15

2. Write in short about the term 'Process Studio' in RPA (3)
3. List some important applications of RPA. (3)
4. What is Robotic Process Automation? (3)
5. Enlist the most crucial factors to be considered in the planning phase of automation. (3)
6. Write down the differences between UiPath, BluePrism and Automation Anywhere. (3)

**OR**

Differentiate Robotic Process Automation with Artificial Intelligence. (3)

**Group-C**  
 (Long Answer Type Questions)

5 x 6=30

7. Write down the characteristics of RPA. (5)
8. Illustrate the benefits and limitations of robotic process automation (RPA)? (5)
9. Mention the advantages and disadvantages of RPA. Justify your answer. (5)
10. Mention the scripting standards that are taken into consideration during automation testing. (5)
11. Illustrate some real life applications of NLP. (5)
12. Differentiate between robotic process automation (RPA) and traditional automation. (5)

**OR**

Distinguish between attended and unattended automation. (5)