



# National University of Modern Languages, Islamabad

Faculty of Engineering and Computer Science

Department of Software Engineering

## Second Assignment

BS SE (5) Evening-SP-2022

Artificial Intelligence

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Assignment Submission Date: 15-05-2023

Points: 10

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Instruction:

- Copied from any source leads to zero marks
- A handwritten assignment is required.

QNO1. Explain the Working and application of the following algorithms. You needs to add the example for each case

- a. Decision Tree Algorithm for Classification
- b. Decision Tree Algorithm for regression
- c. Principal Component Analysis
- d. FP-growth algorithm
- e. Deep Q Network (DQN)