AI Quiz - Medium Level

Instructions: Choose the best answer for each multiple-choice question.

1. Which of the following is NOT a common application of machine learning?

A. Image recognition

B. Natural language processing

C. Quantum physics calculations

D. Predictive modeling

Correct Answer: C

2. What does the acronym "RNN" stand for in the context of artificial intelligence?

A. Random Neural Network

B. Recurrent Neural Network

C. Restricted Neural Network

D. Relational Neural Network

Correct Answer: B

3. The "Turing Test" assesses a machine's ability to:

A. Perform complex mathematical calculations.

B. Exhibit human-like intelligence in a conversation.

C. Learn and adapt from new data.

D. Process and store large amounts of information.

Correct Answer: B

4. Which of these learning paradigms focuses on learning from labeled data?

A. Unsupervised Learning

B. Reinforcement Learning

C. Supervised Learning

D. Self-Supervised Learning

Correct Answer: C

5. Overfitting in a machine learning model refers to:

A. The model performing poorly on both training and testing data.

B. The model performing well on training data but poorly on unseen data.

C. The model performing well on unseen data but poorly on training data.

D. The model consistently performing at an average level on all data.

Correct Answer: B