

Artificial Intelligence and Machine Learning Challenge

Computer Science · Practice Test · 6 Questions

1. In 1997, which IBM supercomputer became the first machine to defeat a reigning world chess champion, Garry Kasparov, in a six-game match?

- A) Deep Blue
- B) AlphaGo
- C) Watson
- D) ELIZA

2. Proposed by British mathematician Alan Turing in 1950, what is the name of the test designed to evaluate whether a computer can exhibit human-like intelligence?

- A) The Voight-Kampff Test
- B) The Turing Test
- C) The Turing Machine
- D) The Lovelace Test

3. In machine learning, what type of learning relies on a dataset where the input data is paired with the correct output label?

- A) Unsupervised learning
- B) Reinforcement learning
- C) Supervised learning
- D) Evolutionary learning

4. Artificial Neural Networks in machine learning are loosely inspired by the structure and function of which biological organ?

- A) The heart
- B) The human brain
- C) The liver
- D) The skin

5. In 2016, DeepMind's artificial intelligence program named AlphaGo defeated Lee Sedol, a world champion in which ancient board game?

- A) Chess
- B) Checkers
- C) Go
- D) Backgammon

6. Which branch of Artificial Intelligence focuses specifically on helping computers understand, interpret, and generate human speech and text?

- A) Computer Vision
- B) Natural Language Processing
- C) Robotics
- D) Quantum Computing