

Artificial Intelligence and Machine Learning Challenge

Computer Science · Answer Key · 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