

Introduction to AI Study Guide

Artificial Intelligence

1 Artificial Intelligence

1. What is intelligence?
2. What is artificial intelligence?
3. What are the four approaches to AI?

4. Explain “thinking humanly.”

5. Explain “acting humanly.”

6. What is the Turing Test?

7. Explain “thinking rationally.”

8. Explain “acting rationally.”

2 History and Philosophy of AI

1. When was the term “Artificial Intelligence” coined, and by whom?
2. Geoff Hinton has been called the “godfather of AI.” How old was Geoff Hinton when the field of AI was launched?
3. What is the **strong AI** hypothesis?
4. What is the **weak AI** hypothesis?
5. What is **narrow AI**?
6. What is **general AI**?

7. Is artificial intelligence possible?