

1. In machine learning there are ways to use logic to discover new information. How many of these were discussed in this lecture?

3

2. How many of these are guaranteed to produce provably correct results?

1

3. True or false: Passing the Turing Test is one way of defining machine intelligence.

True

4. True or false: The Turing Test is the presenter's favorite definition of artificial intelligence.

False

5. What is the artificial intelligence technique that is modeled after natural selection theory?

Genetic Algorithms

6. What is the artificial intelligence technique that is modeled after brain biology?

Neural Networks

7. What artificial intelligence technique is modeled after the way lawyers and doctors solve problems?

Case Based Reasoning

8. True or false: The ANTS project was about the swarm behavior of ants.

False

9. What was the most difficult problem to solve in the larvae identification project?

Counting how many larvae were in a well

10. True or false: The Open Song Composer project used neural networks.

False