

Name: _____

AI Ethics Reading Quiz

1. How did AlphaGo differ from previous game-playing computers like Deep Blue?
 - A) It followed a strict set of rules provided by human programmers.
 - B) It relied solely on eighteen-time world champion Lee Sedol's strategies.
 - C) It used machine learning to learn from past matches and played against itself.
 - D) It was designed primarily for chess rather than the complex game of Go.

2. What is the "Black Box" concern regarding modern AI algorithms?
 - A) Programmers cannot know which specific moves or decisions a program will come up with.
 - B) AI hardware is physically encased in black boxes that are difficult to repair.
 - C) The data sets used by AI are strictly classified and hidden from the public.
 - D) AI systems are only used in "dark" industries like the military or secret surveillance.

3. According to the text, what did research reveal about the COMPAS system used in U.S. courts?
 - A) It was more accurate than any human judge in predicting future crimes.
 - B) It disproportionately flagged Black individuals as likely to re-offend when they did not.
 - C) It was designed primarily to help defense attorneys reach faster agreements.
 - D) It eliminated all forms of human bias from the judicial decision-making process.

4. What characterizes the "Second Machine Age" described by Brynjolfsson and McAfee?
 - A) Machines are used only to complement human workers during the Industrial Revolution.
 - B) Technology is used to create "Homo deus," or humans upgraded into gods.
 - C) AI acts as a substitute for human labor across many different professions.
 - D) Computers are becoming less powerful due to the limitations of mobile networks.

5. What did Isaac Asimov mean by "The Frankenstein Complex"?

- A) The desire to use electricity to bring inanimate matter back to life.
- B) A scientific project aimed at creating human-like being from corpses.
- C) A widespread fear that robots or artificial creations will turn against humans.
- D) The belief that scientists should never take responsibility for their creations.

6. How does the text contrast Western cultural views of AI with Japanese cultural views?

- A) Japan is more fearful of robots due to a long history of nature-based religions.
- B) The West views AI as a teammate, while Japan views it as a dangerous competitor.
- C) Japanese culture, influenced by Shintoism, often views machines as friendly helpers with spirits.
- D) Western culture lacks a "Frankenstein complex" because of its monotheistic traditions.