
Quiz

Topic: Artificial Intelligence (AI) is the ability of computers and machines to perform tasks that normally require human intelligence. These tasks include learning from data, recognizing patterns, understanding language, making decisions, and solving problems. AI is widely used today in areas such as healthcare, education, finance, and transportation to improve efficiency and accuracy. As technology advances, AI systems are becoming more powerful and capable of supporting humans in complex real-world situations.

Q1: What is the primary definition of Artificial Intelligence (AI) according to the text?

- a) The study of human consciousness and emotions
- b) The ability of computers and machines to perform tasks that normally require human intelligence
- c) The process of automating simple, repetitive manual labor
- d) The development of robots that can physically interact with the world

Answer: b

Q2: Which of the following is explicitly listed as a task that AI can perform?

- a) Developing self-awareness and emotions
- b) Designing complex architectural structures
- c) Learning from data
- d) Manufacturing consumer goods on assembly lines

Answer: c

Q3: In which of these areas is AI NOT mentioned as being widely used today?

- a) Healthcare
- b) Education
- c) Agriculture
- d) Transportation

Answer: c

Q4: What is the primary goal of using AI in areas like healthcare and finance?

- a) To replace all human workers with machines
- b) To increase the overall cost of operations
- c) To improve efficiency and accuracy
- d) To create completely autonomous systems

Answer: c

Q5: As technology advances, what are AI systems becoming more capable of doing?

- a) Completely eliminating the need for human input
- b) Supporting humans in complex real-world situations
- c) Predicting the future with 100% certainty
- d) Developing their own independent ethical frameworks

Answer: b