
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 Artificial Intelligence (AI) primarily defined as?

- a) The ability of humans to learn new languages
- b) The ability of computers and machines to perform tasks that normally require human intelligence
- c) The study of ancient civilizations and their technologies
- d) A type of advanced robot designed for space exploration

Answer: b

Q2: Which of these tasks is explicitly mentioned as something AI systems can perform?

- a) Building complex physical structures
- b) Recognizing patterns
- c) Composing original symphonies without data
- d) Predicting the future with 100% accuracy

Answer: b

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

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

Answer: c

Q4: What is a key benefit of AI mentioned in the text for its use in various areas?

- a) To increase the need for manual labor
- b) To improve efficiency and accuracy
- c) To create new forms of entertainment
- d) To eliminate the need for human decision-making

Answer: b

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

- a) Operating completely independently without human oversight
- b) Replacing all forms of human intelligence
- c) Supporting humans in complex real-world situations
- d) Functioning exclusively in virtual environments

Answer: c