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## 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.**

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Q1: What is Artificial Intelligence (AI) defined as in the text?

- a) The ability of humans to learn from machines
- b) The ability of computers and machines to perform tasks that normally require human intelligence
- c) A new method for collecting data
- d) The process of humans understanding computer language

Answer: b

Q2: Which of the following is NOT mentioned as a task AI can perform?

- a) Recognizing patterns
- b) Understanding language
- c) Expressing emotions
- d) Making decisions

Answer: c

Q3: In which sector is AI NOT explicitly stated to be widely used today?

- a) Healthcare
- b) Construction
- c) Finance
- d) Transportation

Answer: b

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

- a) To completely replace human workers
- b) To simplify complex algorithms
- c) To improve efficiency and accuracy
- d) To generate more raw data

Answer: c

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

- a) Replacing all existing human intelligence
- b) Designing new computer hardware independently
- c) Supporting humans in complex real-world situations
- d) Performing tasks that require no data

Answer: c