

MCQ Quiz

Question 1: Who is credited with coining the term 'machine learning'?

- a. Donald Hebb
- b. Arthur Samuel
- c. Walter Pitts
- d. Raytheon Company

Question 2: What was the purpose of the 'goof' button on the Cybertron learning machine?

- a. To reset the machine's memory
- b. To cause the machine to reevaluate incorrect decisions
- c. To provide feedback to the human operator
- d. To stop the machine's learning process

Question 3: What is a key difference between the early definition of machine learning and the modern definition?

- a. The early definition focused on cognitive terms, while the modern definition is more operational.
- b. The modern definition includes prediction as a goal, while the early definition did not.

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- c. The early definition was specific to pattern recognition, while the modern definition is more general.
- d. The modern definition requires the use of artificial neural networks, while the early definition did not.

Question 4: Which of the following is NOT a modern-day objective of machine learning?

- a. Classifying data
- b. Predicting future outcomes
- c. Generating new data
- d. Making decisions based on data

Question 5: According to Tom M. Mitchell's definition, what is the key aspect of machine learning?

- a. Improvement in performance with experience
- b. The use of artificial intelligence
- c. The ability to think like humans

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d. The use of large datasets

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Answers

Question 1: b

Question 2: b

Question 3: a

Question 4: c

Question 5: a