
COMPREHENSIVE TEST UNIVERSITY

Computer Science & AI

COMP101 - Question Types Test

Instructor: Test Instructor

Comprehensive Question Types Test

Duration: 45 minutes | Total Points: 23

INSTRUCTIONS:

- Read each question carefully and completely before answering
- For multiple choice questions, select the best answer
- Write clearly and legibly for all written responses
- Show all work for calculation problems where applicable
- Review your answers before submitting
- Ask the instructor if you have any questions

Student Full Name: _____

Student ID/Number: _____

Signature: _____

Question 1. (2 points)

Which of the following is a programming language?

- A. Python
- B. Microsoft Word
- C. Adobe Photoshop
- D. Google Chrome

Question 2. (1 point)

Artificial Intelligence can only work with numerical data.

- A. True
- B. False

Question 3. (3 points)

Define machine learning in 2-3 sentences.

Answer:

Question 4. (8 points)

Discuss the ethical implications of artificial intelligence in modern society. Include at least three specific examples and their potential solutions.

[illegible]

The process of teaching a machine learning model using labeled data is called _____ learning.

Answer: _____

Question 6. (4 points)

Match the following AI concepts with their definitions.

Question 7. (3 points)

Arrange the following steps in the correct order for a typical machine learning workflow: