



Unit 3: Lesson 2 - Assessment

Artificial Intelligence

Section 1: True or False - Indicate whether each of the following statements are TRUE or FALSE.

1. The world only consists of physical objects. TRUE FALSE
2. Artificial General Intelligence (AGI) has already been realized. TRUE FALSE
3. Intelligence is the ability to do something. TRUE FALSE

Section 2: Multiple Choice - Choose the correct answer for each of the following questions.

4. Choose one BEST answer for the following question: The statement that best describes the human soul is...
 - a. The soul does not actually exist.
 - b. The soul permanently dies when the body dies.
 - c. The soul is the locus of identity and continues into the next life.
 - d. The soul and the brain are the same entity.
5. The following statements are true about consciousness, EXCEPT:
 - a. Consciousness is our experience of the world.
 - b. Our experience of color is a type of consciousness.
 - c. Our perception of sound is a type of consciousness.
 - d. Consciousness entirely depends on brainstem activities.
6. What is the primary function of Artificial Intelligence (AI)?
 - a. To replicate human consciousness entirely.
 - b. To perform tasks like recognizing patterns and making decisions.
 - c. To replace human functions with machine capabilities.
 - d. To create machines indistinguishable from humans.
7. Which type of AI aims to create machines indistinguishable from the human mind?
 - a. Weak AI
 - b. Machine Learning
 - c. Strong AI & Artificial Generalized Intelligence
 - d. Deep Learning
8. What distinguishes consciousness from intelligence in the context of AI?
 - a. Ability to replicate human emotions.
 - b. Ability to perform tasks similar to humans.
 - c. Experience versus the ability to do things.
 - d. Advanced machine learning capabilities.
9. According to the Chinese Room Experiment, what did it highlight about AI?
 - a. AI can replicate human consciousness effectively.
 - b. AI comprehends language and semantics.

- c. AI can imitate human behavior but lacks understanding.
- d. AI can surpass human consciousness.

Section 2: Short Answer - Write a well-formulated response for each of the following.

10. Compare and contrast Weak AI and Strong AI, emphasizing their goals and capabilities. How do these definitions relate to the potential replacement of humans by AI? Explain using examples.

11. Discuss the implications of Generative AI for humanity. How does this form of AI challenge or align with the concept of consciousness and human experience? Provide examples to support your argument.

12. Explain the significance of the Turing Test and the Chinese Room Experiment in assessing AI's ability to replicate human consciousness. Elaborate on the limitations these experiments reveal about AI and its capacity for true understanding.