

Word in Context

1. **Correct Answer:** D

Explanation: Choice D is correct because ‘existential’ accurately captures the philosophical and profound nature of the ‘pursuit of happiness’ as framed in the Declaration of Independence. It reflects the depth and meaning beyond mere material or superficial joy.

Distractor Explanations:

- Choice A is incorrect. ‘Ephemeral’, meaning short-lived, does not align with the enduring nature of the happiness sought.
- Choice B is incorrect. ‘Material’ reduces the concept to physical or monetary gain, which is narrower than the passage suggests.
- Choice C is incorrect. ‘Superficial’ implies a lack of depth, contradicting the profound nature of the pursuit described in the passage.

2. **Correct Answer:** C

Explanation: Choice C is correct because ‘dynamic’ precisely describes the continuous and changing nature of neuroplasticity. It underscores the idea of ongoing adaptation and restructuring, which aligns with the passage’s context.

Distractor Explanations:

- Choice A is incorrect. ‘Sporadic’ implies irregularity, which does not fit the consistent and evolving nature of neuroplasticity.
- Choice B is incorrect. ‘Predictable’ suggests a lack of variation, contradicting the adaptable nature of neuroplasticity.
- Choice D is incorrect. ‘Preliminary’ indicates something initial or not fully formed, which does not align with the ongoing nature of neuroplasticity.

3. **Correct Answer:** B

Explanation: Choice B is correct because ‘holistic’ aptly describes the comprehensive and interconnected nature of biodiversity. It implies a consideration of all aspects of life and their interactions, not just a tally of species.

Distractor Explanations:

- Choice A is incorrect. ‘Quantitative’ implies a focus on numbers only, which is too narrow for the concept of biodiversity.

Word in Context

- Choice C is incorrect. ‘Superficial’ suggests a lack of depth, whereas biodiversity is a deeply complex concept.
- Choice D is incorrect. ‘Fragmented’ implies disconnection, the opposite of the interconnectedness intrinsic to biodiversity.

4. Correct Answer: C

Explanation: Choice C is correct because ‘complex’ effectively captures the multi-layered aspects of Aeneas’ character as described in the passage. It conveys the idea of a character with multiple facets and deep connections to cultural and moral values.

Distractor Explanations:

- Choice A is incorrect. ‘Static’ suggests a lack of development or change, which does not align with the multifaceted nature of Aeneas.
- Choice B is incorrect. ‘Flawed’ implies imperfections, which is not the focus of the passage’s description of Aeneas.
- Choice D is incorrect. ‘Mythical’ focuses on the fictional aspect and does not address the character complexity highlighted in the passage.

5. Correct Answer: D

Explanation: Choice D is correct because ‘autonomous’ accurately characterizes machine learning systems’ capability to operate independently, learn, and adapt without constant human guidance, as described in the passage.

Distractor Explanations:

- Choice A is incorrect. ‘Mechanical’ suggests a focus on physical or hardware aspects, which does not fully capture the learning and adapting nature of AI.
- Choice B is incorrect. ‘Static’ implies a lack of change or adaptation, which contradicts the evolving nature of machine learning.
- Choice C is incorrect. ‘Pre-programmed’ does not adequately reflect the learning and adapting capabilities of AI systems.

Word in Context

6. **Correct Answer:** B

Explanation: Choice B is correct because ‘communal’ precisely captures the collective nature of herd immunity as a public health strategy. It emphasizes the shared, community-wide aspect of immunity that benefits the whole population.

Distractor Explanations:

- Choice A is incorrect. ‘Individual’ focuses on single persons, contrary to the collective approach implied by herd immunity.
- Choice C is incorrect. ‘Temporary’ implies a short-term effect, which does not align with the ongoing impact of herd immunity.
- Choice D is incorrect. ‘Specific’ suggests a narrow focus, which doesn’t encompass the broad, population-wide scope of herd immunity.