Reference – Shown-as-Correct Answers

Q1

Answer presented as correct: B) Q-learning■(

Reason: Known for its role in shaping agent behavior by optimizing its policy directly.

Q2

Answer presented as correct: B) Observations lack some hidden variables■(

Reason: Observations may be incomplete due to technological limitations, making hidden variables unavoidable in practice.

Q3

Answer presented as correct: B) Use of neural networks■(

Reason: Enables more advanced and efficient decision-making capabilities through deep learning algorithms.

Q4

Answer presented as correct: B) Action-value minus state-value■(

Reason: It follows the natural order of mathematical operations when computing value differences.

Q5

Answer presented as correct: D) Early stopping

Reason: Stopping the training early can help prevent overfitting and improve generalization of the deep-RL model.

Q6

Answer presented as correct: B) Long-term rewards■(

Reason: Encourages strategic planning for future financial gain.

Q7

Answer presented as correct: A) Balancing policy and value networks■(

Reason: Involves the crucial assessment of trade-offs between various competing alternatives in decision-making contexts.