

Sample Exam

Exam Name: Certified AI Auditor (CAIA)

Exam Code: CAIA-001

1. Which of the following best describes supervised learning in AI?

- A) Training a model using unlabeled data to find hidden patterns.
- B) Training a model using labeled data where the correct answers are known.
- C) Learning by interacting with an environment through rewards and penalties.
- D) Using deep neural networks to process large amounts of data.

Answer: B

2. What is the primary difference between Narrow AI and General AI?

- A) Narrow AI can perform multiple tasks, while General AI performs only one.
- B) Narrow AI is theoretical, while General AI is widely implemented today.
- C) Narrow AI is designed for specific tasks, while General AI has human-like cognitive abilities.
- D) Narrow AI uses reinforcement learning, while General AI uses unsupervised learning.

Answer: C)

3. In the AI lifecycle, what is the main purpose of the data collection and preparation phase?

- A) Deploying the AI model to production systems.
- B) Ensuring that collected data is clean, consistent, and suitable for model training.
- C) Selecting algorithms and designing the model architecture.
- D) Monitoring the model's performance in real time.

Answer: B

4. Which of the following AI applications is primarily associated with predictive maintenance and defect detection in manufacturing?

- A) Natural Language Processing (NLP)
- B) Deep learning and computer vision
- C) Reinforcement learning
- D) Chatbots and recommendation systems

Answer: B

5. What is one of the main challenges of deep learning models?

- A) They cannot process large datasets effectively.
- B) They are inherently easy to interpret and explain.
- C) They may propagate biases present in the training data.
- D) They cannot be integrated with reinforcement learning techniques.

Answer: C)

6. What is the primary purpose of AI governance frameworks?

- A) To maximize AI system speed and efficiency.
- B) To organize AI development and deployment while ensuring compliance with ethical and legal standards.
- C) To reduce the need for human oversight in AI systems.
- D) To replace all traditional regulatory requirements.

Answer: B)

7. Which regulation primarily focuses on data privacy and protection in the European Union?

- A) CCPA
- B) GDPR
- C) AI Act
- D) HIPAA

Answer: B
