

Chapter-9
More on AI

Section A: Fill in the Blanks

1. _____ is the branch of computer science that focuses on developing machines that can think and work like humans.
2. _____ is also known as Narrow AI and performs dedicated tasks with intelligence.
3. The _____ approach in AI focuses on creating machines that can simulate human-like behavior.
4. _____ is a public policy think-tank of the Government of India.
5. _____ is a key driver of the Fourth Industrial Revolution.

Section B: Multiple Choice Questions

1. Which of the following is NOT a type of AI?
 - a) Weak AI
 - b) Strong AI
 - c) Super AI
 - d) General AI
2. Which approach in AI is based on the principles of formal logic and reasoning?
 - a) Thinking Humanly
 - b) Acting Humanly
 - c) Thinking Rationally
 - d) Acting Rationally

3. Which of the following is an example of Weak AI?

- a) Siri
- b) Autonomous robots
- c) Super AI
- d) General AI

4. Which of the following is a characteristic of Super AI?

- a) It is completely autonomous.
- b) It requires human interference.
- c) It is less intelligent than humans.
- d) It cannot understand human emotions.

5. Which of the following is an example of an intelligent agent?

- a) Siri
- b) Roomba vacuum cleaner
- c) Fraud detection agents
- d) All of the above

Quiz: More on AI

Question 1: What does AI stand for?

- a) Artificial Intelligence
- b) Automated Intelligence
- c) Advanced Intelligence
- d) Applied Intelligence

Question 2: Which of the following is an example of Weak AI?

- a) Siri
- b) Autonomous robots
- c) Super AI
- d) General AI

Question 3: Which approach in AI is based on the principles of formal logic and reasoning?

- a) Thinking Humanly
- b) Acting Humanly
- c) Thinking Rationally
- d) Acting Rationally

Question 4: Which of the following is a characteristic of Super AI?

- a) It is completely autonomous.
- b) It requires human interference.
- c) It is less intelligent than humans.
- d) It cannot understand human emotions.

Question 5: Which of the following is an example of an intelligent agent?

- a) Siri
- b) Roomba vacuum cleaner
- c) Fraud detection agents
- d) All of the above

Question 6: What is the Turing Test approach in AI?

- a) An approach that focuses on creating machines that can simulate human-like behavior.
- b) An approach that focuses on formal logic and reasoning.
- c) An approach that focuses on creating autonomous robots.
- d) An approach that focuses on creating intelligent personal assistants.

Question 7: Which of the following is NOT a type of AI?

- a) Weak AI
- b) Strong AI
- c) Super AI
- d) General AI

Question 8: What is the structure of an AI agent?

- a) Architecture + Agent Program
- b) Sensors + Actuators
- c) Machine Learning + Data
- d) Logic + Reasoning

Question 9: Which of the following is a public policy think-tank of the Government of India?

- a) NITI Aayog
- b) World Economic Forum

- c) European AI Leadership
- d) Encyclopaedia Britannica

Question 10: Which of the following is a key driver of the Fourth Industrial Revolution?

- a) AI
- b) Robotics
- c) Machine Learning
- d) All of the above