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

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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?

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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

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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

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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

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