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Self-Made Assignment - Introduction To Artificial Intelligence

Fundamentals Of AI

Answer The Following Question

- Q1. What is the main goal of Artificial Intelligence (AI)?
- To program machines manually
  - To replace humans completely
  - To make machines think and learn like humans
  - To build websites
- Q2. Which of the following is an example of AI in daily life?
- Typing in MS Word
  - Using a calculator
  - Siri understanding your voice
  - Watching
- Q3. What is the term for a trained AI system?
- Dataset
  - Model
  - Input
  - Code
- Q4. Which AI concept involves understanding human languages?
- Robotics
  - NLP (Natural Language Processing)
  - Learning
  - Reasoning
- Q5. What does AI use to learn from experience or examples?
- Rules
  - Data
  - Hardware
  - Batteries
- Q6. Which field uses AI to detect diseases and help doctors?
- Education
  - Banking
  - Healthcare
  - Sports
- Q7. Which AI function helps in finding the shortest path in GPS?
- Perception
  - Learning
  - Problem Solving
  - NLP

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Q8. In AI, what is an 'algorithm'?

- a) A type of data
- b) A software tool
- c) A set of steps to solve a problem
- d) A robot part

Q9. Face recognition in Smartphones is an example of which AI concept?

- a) NLP
- b) Reasoning
- c) Learning
- d) Perception

Q10. Which AI term means the process of teaching AI using data?

- a) Testing
- b) Reasoning
- c) Training
- d) Sensing

Q11. What is Machine Learning (ML)?

- a) Hardware for AI
- b) A robot
- c) A way AI learns from data
- d) A programming language

Q13. Which of the following uses AI in agriculture?

- a) Writing books
- b) Weather prediction for farming
- c) Factory machines
- d) Bookkeeping

Q14. Which is NOT an application of AI?

- a) Self-driving cars
- b) Fraud detection
- c) Manual filing of papers
- d) Virtual assistants

Q15. A chatbot on a shopping website is used for:

- a) Sending emails
- b) Cooking
- c) Customer support
- d) Playing games

