

### Task 1: Open Question

In your opinion, what is the most significant ethical challenge that artificial intelligence might present in the future? Explain your answer in at least two sentences.

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### Task 2: Short Answer

Name three common applications of AI that you use or encounter in your daily life.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

### Task 3: Drag and Drop Words into Text

Drag the correct words from the box below into the gaps to complete the text.

(Words to drag: algorithms, machine learning, data, automation, intelligence, complex, tasks)

Artificial \_\_\_\_\_ (AI) is a field of computer science that focuses on creating machines that can perform \_\_\_\_\_ that typically require human intelligence. At its core, AI relies on \_\_\_\_\_ and vast amounts of \_\_\_\_\_ to learn and improve. This process is often called \_\_\_\_\_. AI enables \_\_\_\_\_ of repetitive \_\_\_\_\_, making processes faster and more efficient.

### Task 4: Matching

Match the AI concept with its correct definition.

AI Concept	Definition
1. Machine Learning	a) The ability of a computer to understand and respond to human language.
2. Robotics	b) Systems that mimic human thought processes and decision-making.
3. Natural Language Processing	c) A physical machine that can perform actions autonomously.
4. Expert Systems	d) Computers learning from data without explicit programming.

Answers:

1. \_\_\_\_
2. \_\_\_\_
3. \_\_\_\_
4. \_\_\_\_

**Task 5: Choose the Correct Word/Phrase**

Choose the best word or phrase to complete each sentence.

1. AI is (developing / developed / development) rapidly in various industries.
2. Self-driving cars use AI to (make / making / made) decisions on the road.
3. (The / An / A) artificial intelligence system can process information much faster than a human.
4. Many smartphones now include AI-powered (virtual assistant / virtual assistants / virtual assisting).
5. One of the main goals of AI is to (solve / to solve / solving) complex problems.

**Task 6: Multiple Choice (1 correct answer)**

Which of the following is an example of strong AI?

- a) A chess-playing computer
- b) A chatbot that answers customer questions
- c) A robot that can genuinely understand emotions and have consciousness
- d) A recommendation system on a streaming service

**Task 7: Multiple Choice (multiple correct answers possible)**

Which of the following are potential benefits of integrating AI into healthcare? (Choose two correct answers!)

- a) Replacing all human doctors immediately.
- b) Assisting with faster diagnosis of diseases.
- c) Making medical errors more frequent.
- d) Personalizing treatment plans for patients.
- e) Significantly increasing healthcare costs for everyone.

