WRITTEN COMPREHENSION

READING

ARTIFICIAL INTELLIGENCE: A DOUBLE-EDGED SWORD



Artificial intelligence, or AI, has rapidly become an integral part of our daily lives. From the smartphones we carry to the self-driving cars being developed, AI is revolutionizing the way we live and work. But what exactly is artificial intelligence, and what are its implications for the future?

At its core, AI refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions. These machines can be taught to learn, reason, and make decisions with minimal human intervention. AI has been used in a wide range of applications, including:

- Healthcare: AI is being used to develop new drugs, diagnose diseases, and personalize treatment plans.
- Finance: AI-powered algorithms are used for fraud detection, risk assessment, and algorithmic trading.
- Customer service: Chatbots and virtual assistants powered by AI are becoming increasingly common in customer service interactions.
- Autonomous vehicles: Self-driving cars and trucks are being developed using AI to perceive their surroundings and navigate safely.

While the benefits of AI are numerous, there are also concerns about its potential negative impacts. One major concern is the loss of jobs as AI becomes capable of performing tasks that were previously done by humans. Another concern is the potential for bias in AI algorithms, which could lead to discrimination against certain groups of people. Additionally, there are ethical concerns about the development of autonomous weapons and the potential for AI to be used for malicious purposes.

As AI continues to evolve, it is important to consider the potential consequences of this technology. It is essential to develop ethical guidelines for the development and use of AI, and to ensure that AI is used for the benefit of all of humanity.

COMPREHENSION QUESTIONS

A) READ THE TEXT AND DECIDE IF THESE STATEMENTS ARE TRUE OR FALSE.

1. **AI can only be used for positive purposes.**
2. **Self-driving cars are an example of AI in action.**
3. **AI can learn and make decisions on its own.**

ANSWERS	1	2	3
TRUE			
FALSE			

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B) CHOOSE THE BEST OPTION.

4. **Which of the following is NOT a common use of AI?**

   a) Healthcare **b) Education** **c) Finance** **d) Manufacturing**

5. **What is one major concern about the development of AI?**

   a) The cost of developing AI systems

   b) The potential for job loss

   c) The lack of interest in AI research

   d) The difficulty of understanding AI

6. **How can AI be used in healthcare?**

   a) To develop new drugs

   b) To diagnose diseases

   c) To personalize treatment plans

   d) All of the above

7. **What is a chatbot?**

   a) A type of robot

   b) A computer program designed to simulate conversation with a human

   c) A new programming language

   d) A type of social media platform

8. **What is one ethical concern about the development of AI?**

   a) The potential for bias in AI algorithms

   b) The cost of developing AI systems

   c) The lack of interest in AI research

   d) The difficulty of understanding AI

ANSWERS	4	5	6	7	8
a/b/c/d					

C) CHOOSE THE SYNONYM OF THESE WORDS FROM THE TEXT.

9. **Integral (line 1):** **essential** **wholemeal** **bizarre**

10. **Mimic (line 5):** **imitate** **recognize** **acquire**

Prof. Clemente Salguero Martín

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