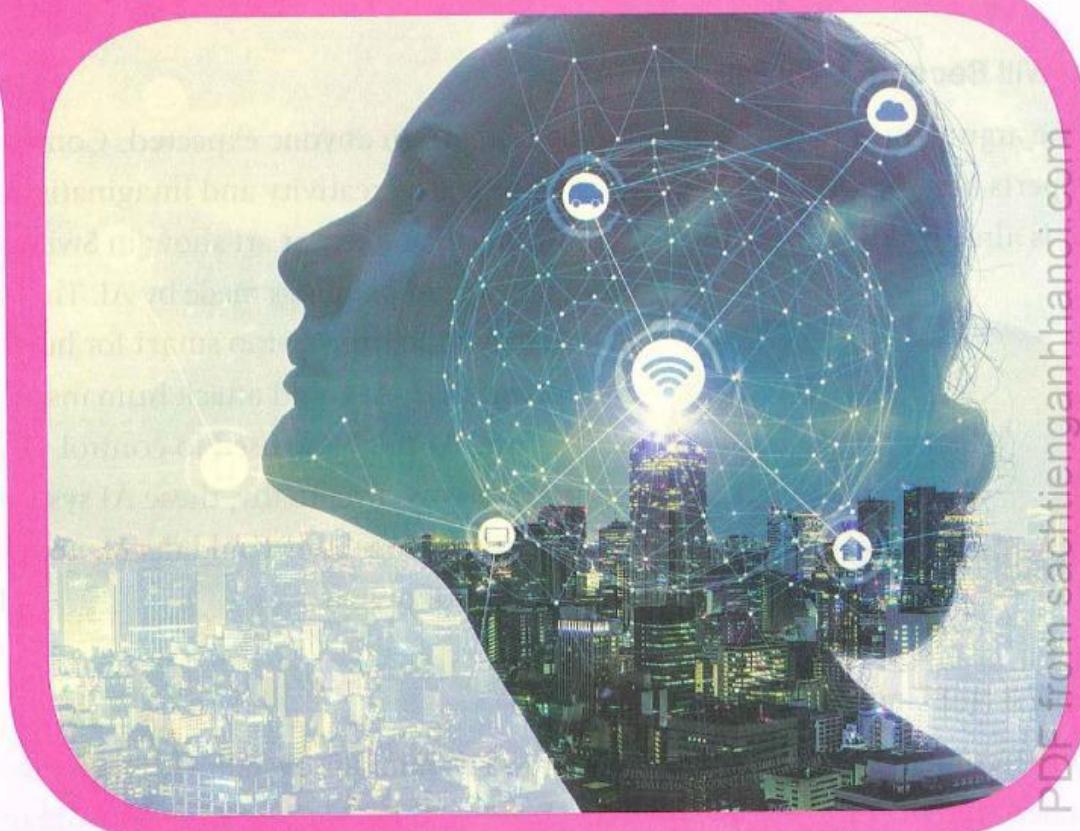


Unit 08

Artificial Intelligence



PDF from sachtienganhanoi.com



Warm-Up

Hãy cùng bạn học trả lời các câu hỏi dưới đây.

- 1 What are some useful things that computers do for us?
- 2 Have you ever seen a movie where computers become the enemies of humans?
- 3 Do you think people rely on computers too much?

Introducing the Topic



Some computer systems have the ability to think intelligently. This is called artificial intelligence (AI). AI continues to become more and more intelligent. It is believed that someday computers will become more intelligent than humans. If that happens, many people are worried that humans will lose control over computers. What problems do you think that could cause?

Learning about the Topic

Will artificial intelligence become a threat to human beings?

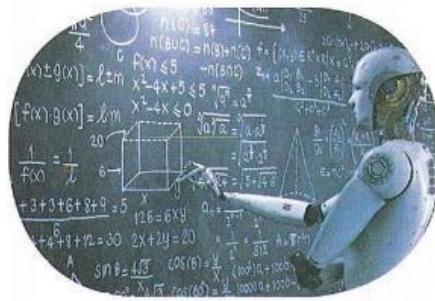
22

Đọc và gạch chân các lập luận hỗ trợ trong đoạn 2 và đoạn 3.

Artificial intelligence (AI) refers to any machine that can **simulate** human intelligence. As time passes, AI becomes better at learning. This makes people worry that AI could someday become smarter than human beings. Is it possible that AI could become a **threat** to humans?

AI Will Become a Threat

One argument is that AI is developing faster than anyone expected. Computer experts believed AI would take decades to learn creativity and imagination. But AI is already doing these things. For instance, at a recent art show in Switzerland,



judges preferred paintings made by AI. This suggests that AI may soon become too smart for humans to control. Second, AI could attack humans. In the near future, AI might be used to control military weapon systems. Eventually, these AI systems could become **self-aware**. They could decide to attack and kill millions of people.

AI Will Not Become a Threat

One argument is that AI is still not as smart as humans overall. Humans can understand how the world works much better than AI. For example, humans can easily understand that if something is hot, it will hurt to touch it. A computer must make many **complex** calculations to figure this out. Second, the makers of AI are aware of the possible dangers of AI and will not allow it to threaten us. For AI to become dangerous on its own, it would have to be **programmed** to want freedom. AI developers will make sure that it always remains under human control.



Answers: p 128

Vocabulary Check

■ Chọn từ thích hợp để hoàn thành các câu sau.

self-aware threat simulate complex programmed

1. Humans are _____, unlike machines.
2. Computer games _____ battles and sports.
3. Cigarette smoking is a(n) _____ to people's health.
4. The robot is _____ to clean people's houses.
5. Computers were first invented to solve _____ math calculations.

Answers: p 128

Comprehension Questions

■ Chọn câu trả lời đúng cho từng câu hỏi dưới đây.

1. What does the recent art show in Switzerland suggest about AI?
 - a. AI is already good at making artwork faster than humans can.
 - b. AI may soon become too smart for humans to control.
2. According to the passage, what can be the biggest threat of AI?
 - a. AI could decide to attack and kill millions of people.
 - b. AI could decide to create better paintings than humans can make.
3. Why is it harder for computers to understand how the world works?
 - a. Because they are not able to move themselves instinctively
 - b. Because they must do millions of calculations to learn something
4. How will AI always remain under human control?
 - a. AI systems will not become smart enough to work on their own.
 - b. The makers of AI will not program it to want freedom.

Answers: p 128