

Reading Passage 2

"Artificial intelligence (AI) is rapidly transforming many aspects of our lives, from the way we work to the way we communicate. It refers to the simulation of human intelligence in machines that are programmed to learn and problem solve like humans.

AI has its roots in the mid-20th century, but it wasn't until the 21st century that it began to influence our everyday lives significantly. Today, we see AI integrated into a variety of sectors, including healthcare, transportation, entertainment, and education.

In the healthcare sector, AI helps doctors diagnose diseases, predict patient outcomes, and even assist in surgeries. Autonomous vehicles, which are becoming increasingly common, rely heavily on AI for navigation and decision-making on the road. In the entertainment industry, AI is used in video games to create more realistic and immersive experiences. In education, AI-powered tools can tailor learning experiences to individual student needs.

Despite its benefits, AI also raises some concerns. These include potential job losses due to automation and issues related to privacy and data security. While the AI revolution brings promising prospects, navigating its implications for society will require careful thought and planning."

Exercise 1: Fill in the Blanks

Complete the following sentences based on the information given in the reading passage. Write NO MORE THAN TWO WORDS for each answer.

1. AI refers to the simulation of human _____ in machines.
2. Autonomous vehicles rely on AI for _____ and decision-making.
3. In the education sector, AI can tailor learning experiences to individual _____.
4. AI raises concerns about potential job _____ and data security.

Exercise 2: Match the Sector with the Usage of AI

Match the sectors (1-4) with their correct usage of AI (A-E). There is one extra option which does not match any of the sectors.

1. Healthcare
2. Transportation
3. Entertainment
4. Education

- A. Creates more immersive experiences in video games.
- B. Assists in diagnosing diseases.
- C. Helps in navigation of vehicles.
- D. Tailors learning experiences to students' needs.
- E. Improves communication channels.

Exercise 3: Yes, No, Not Given

Based on the information given in the passage, are the following statements true (Yes), false (No), or not given?

1. AI began to significantly impact our lives in the mid-20th century.
2. AI is used in the healthcare sector to predict patient outcomes.
3. AI is often used in the entertainment industry to improve communication channels.
4. The implications of AI for society require careful planning.
5. AI does not pose any concerns related to data security.