TA12. U6. Artificial Intelligence. Reading 1

Exercise 1

Artificial Intelligence (AI) has revolutionized various industries by automating tasks and providing efficient solutions. AI-powered facial recognition systems are now used for security, helping identify individuals with accuracy. Businesses utilize virtual assistants to handle customer queries, offering instant support and improving overall customer satisfaction. AI can also analyse vast amounts of data to predict consumer behavior, helping companies make informed decisions.

The healthcare sector has greatly benefited from AI applications. For example, AI-powered robots assist surgeons in complex procedures, reducing human error. In education, AI has made learning more interactive and personalized, adapting lessons to meet the needs of individual students. Additionally, platforms equipped with AI provide proficiency tests and real-time feedback to enhance skill development.

Despite its advantages, AI raises concerns about ethics and job displacement. Many argue that while AI is capable of performing human-like tasks, it lacks emotional intelligence, making it less effective in roles requiring empathy. Moreover, the over-reliance on AI might lead to a loss of human skills, as people depend more on machines. However, experts believe that AI will serve as a tool to complement, rather than replace, human effort.

1. What is one use of AI in the healthcare sector?
   a) Predicting consumer behavior
   b) Assisting in surgeries
   c) Handling customer queries
   d) Providing proficiency tests
2. How does AI enhance education?
   a) By replacing teachers with robots
   b) By offering instant customer support
   c) By personalizing learning experiences
   d) By automating security systems
3. What does AI lack compared to humans?
   a) The ability to analyze data
   b) Proficiency in real-time feedback
   c) Emotional intelligence
   d) Capability in complex tasks
4. Which industry uses AI for predicting consumer behavior?
   a) Security
   b) Business
   c) Healthcare
   d) Education
5. What is the role of AI-powered platforms in education?
   a) To analyze facial expressions
   b) To provide personalized lessons
   c) To replace human skills
   d) To enhance emotional intelligence
6. What concern does AI raise in the workplace?
   a) It offers personalized feedback
   b) It improves skill development

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c) It displaces jobs
d) It enhances empathy

7. What is a major strength of AI in data analysis?
   a) Accuracy and speed
   b) Emotional understanding
   c) Empathy for users
   d) Replacement of humans
8. What are AI-powered virtual assistants primarily used for?
   a) Performing surgeries
   b) Handling customer queries
   c) Enhancing skill development
   d) Conducting proficiency tests
9. How does AI assist businesses?
   a) By automating customer queries
   b) By enhancing emotional intelligence
   c) By automating surgeries
   d) By providing healthcare solutions
10. What do experts believe about AI's future role?
    a) It will completely replace humans
    b) It will replace emotional intelligence
    c) It will complement human effort
    d) It will analyze customer satisfaction

Exercise 2

The role of Artificial Intelligence (AI) in modern society continues to expand. One prominent application is facial recognition, used in airports and public spaces for enhanced security. This technology identifies individuals with remarkable accuracy, making it a valuable tool for law enforcement. Similarly, AI-powered robots are being deployed in manufacturing industries to perform repetitive tasks efficiently.

Education has also seen significant advancements with AI. Platforms designed for skill-building provide proficiency evaluations and personalized feedback, helping students progress at their own pace. Additionally, AI creates interactive learning environments, enabling hands-on experiences in subjects like science and engineering.

However, the integration of AI is not without challenges. Critics argue that over-reliance on AI could limit human creativity. While AI is capable of automating complex tasks, it struggles with emotional decision-making. This has raised debates about its ethical use, particularly in areas like surveillance and hiring practices.

Experts suggest that instead of replacing humans, AI should be viewed as a platform for collaboration. By complementing human efforts, AI can help overcome limitations in fields such as data analysis, problem-solving, and innovation. Ultimately, the key to AI's success lies in its programming, ensuring it aligns with ethical and societal values.

1. What is a common use of AI in public spaces?
   a) Enhancing creativity
   b) Facial recognition for security
   c) Evaluating proficiency tests
   d) Providing emotional intelligence

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2. How are AI-powered robots used in manufacturing?
   a) For emotional decision-making
   b) To perform repetitive tasks
   c) To teach engineering concepts
   d) To conduct surveillance
3. What benefit does AI offer in education?
   a) Automating hiring processes
   b) Creating personalized feedback systems
   c) Limiting human creativity
   d) Improving surveillance systems
4. What is one criticism of AI?
   a) It complements human efforts
   b) It struggles with emotional decision-making
   c) It performs repetitive tasks efficiently
   d) It enhances skill development
5. How do critics believe AI might impact human skills?
   a) It will enhance creativity
   b) It will limit creativity
   c) It will improve ethical use
   d) It will align with societal values
6. In what field is AI particularly valuable?
   a) Facial expressions
   b) Emotional intelligence
   c) Data analysis
   d) Personal relationships
7. What is necessary for AI to succeed ethically?
   a) Interactive programming
   b) Accurate recognition systems
   c) Proper programming aligned with societal values
   d) Replacing human efforts
8. How does AI create value in education?
   a) By designing complex hiring systems
   b) By automating repetitive tasks
   c) By enabling interactive and hands-on learning
   d) By conducting emotional decision-making
9. What is the role of AI in collaboration with humans?
   a) To replace humans in problem-solving
   b) To complement human efforts
   c) To limit human innovation
   d) To automate law enforcement
10. What is a key feature of AI in security systems?
    a) Proficiency evaluation
    b) Facial recognition with accuracy
    c) Personalized feedback
    d) Programming creativity

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