

You should spend about 20 minutes on Questions 1–14, which are based on the reading passage below.

Renewable Energy: A Sustainable Future

A

As the world's population continues to grow, the demand for energy is increasing rapidly. For many years, countries have relied on fossil fuels such as coal, oil, and natural gas to produce electricity and power transportation. Although these energy sources have supported economic development, they are limited and produce large amounts of pollution. Scientists have warned that burning fossil fuels contributes to climate change by releasing greenhouse gases into the atmosphere. As a result, many governments are searching for cleaner and more sustainable sources of energy.

B

Renewable energy comes from natural resources that are continuously replaced. The most common types are solar, wind, hydroelectric, geothermal, and biomass energy. Solar panels convert sunlight into electricity, while wind turbines generate power by using moving air. Hydroelectric stations use the force of flowing water to produce electricity. Unlike fossil fuels, renewable energy sources can provide electricity for many years if they are managed responsibly. They also release much lower levels of harmful gases, making them more environmentally friendly.

C

Many countries have introduced policies to encourage the use of renewable energy. Some governments provide financial support for families who install solar panels on their homes, while others invest in large wind farms and modern public transportation systems powered by clean energy. These projects not only reduce pollution but also create employment opportunities in engineering, construction, and

technology. As renewable energy technologies become less expensive, more households and businesses are choosing them as practical alternatives to traditional energy sources.

D

Despite its many benefits, renewable energy still faces several challenges. Building renewable energy facilities often requires a large amount of investment, and some energy sources depend on weather conditions. For example, solar panels cannot produce electricity during the night, and wind turbines need sufficient wind to operate effectively. Researchers are developing improved storage systems and more efficient technologies to overcome these limitations. Experts believe renewable energy will play an increasingly important role in meeting global energy demands while protecting the environment.

Questions 1–5

Choose the correct letter, A, B, C or D.

Write the correct letter in boxes **1–5** on your answer sheet.

1. What is the main reason many countries are seeking alternative energy sources?

- A. Fossil fuels are becoming more expensive.
- B. Fossil fuels are limited and damage the environment.
- C. Renewable energy is easier to transport.
- D. Renewable energy produces more electricity.

2. Which energy source is **NOT** mentioned in the passage?

- A. Solar energy
- B. Wind energy
- C. Nuclear energy
- D. Hydroelectric energy

3. According to the passage, renewable energy helps the environment because it

- A. requires no equipment.
- B. produces fewer greenhouse gases.
- C. is available everywhere.
- D. completely replaces fossil fuels.

4. Governments encourage renewable energy by

- A. reducing electricity prices.
- B. closing traditional power stations.
- C. providing financial assistance for solar panels.
- D. limiting the use of electricity.

5. What is the main purpose of Paragraph D?

- A. To explain how wind turbines work.
- B. To describe government energy policies.
- C. To discuss the challenges and future of renewable energy.
- D. To compare renewable energy with fossil fuels.

Questions 6–10

Do the following statements agree with the information given in the reading passage?

In boxes **6–10** on your answer sheet, write

TRUE if the statement agrees with the information

FALSE if the statement contradicts the information

NOT GIVEN if there is no information on this

6. Fossil fuels can be replaced naturally within a short period of time.
 7. Hydroelectric power uses moving water to generate electricity.
 8. Every country currently produces most of its electricity from renewable energy.
 9. Renewable energy projects can provide new employment opportunities.
 10. Scientists have completely solved the problems related to renewable energy storage.
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Questions 11–14

Reading Passage has four paragraphs, A–D.

Choose the correct heading for each paragraph from the list of headings below.

Write the correct number, **i–vi**, in boxes **11–14** on your answer sheet.

List of Headings

- i. Government support for clean energy
 - ii. Different types of renewable energy
 - iii. The growing need for cleaner energy
 - iv. The history of electricity production
 - v. Future challenges and possible solutions
 - vi. Energy use in developing countries
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11. Paragraph A _____

12. Paragraph B _____

13. Paragraph C _____

14. Paragraph D _____