

1. What is one of the main advantages of renewable energy compared to fossil fuels?
 - A) It is cheaper to produce in all cases
 - B) It is naturally replenished and has minimal environmental impact
 - C) It requires no technological advancements to implement
 - D) It is always available regardless of weather conditions
2. Which renewable energy source was used as early as 200 BCE?
 - A) Solar energy
 - B) Wind power
 - C) Hydroelectric power
 - D) Geothermal energy
3. What technological advancement has made solar panels more accessible?
 - A) The ability to generate electricity in low-wind conditions
 - B) The development of advanced energy storage systems
 - C) Increased efficiency and affordability of solar panels
 - D) The construction of hydroelectric dams
4. How does renewable energy help reduce greenhouse gas emissions?
 - A) By burning cleaner fossil fuels
 - B) By producing little to no emissions during energy generation
 - C) By increasing the use of imported fuels
 - D) By relying on advanced combustion technologies
5. What is one way renewable energy enhances energy security?
 - A) By reducing dependence on imported fuels
 - B) By eliminating the need for energy storage systems
 - C) By centralizing energy production
 - D) By relying on fossil fuel reserves
6. What is a primary challenge of solar and wind energy?
 - A) They are always available regardless of weather conditions
 - B) They depend on weather conditions and may not always meet demand
 - C) They produce significant greenhouse gas emissions
 - D) They are more expensive than fossil fuels in all cases
7. What is one environmental concern associated with renewable energy technologies?
 - A) They produce more emissions than fossil fuels
 - B) They require no environmental assessments
 - C) Their production and deployment can disrupt ecosystems
 - D) They are not effective at generating power
8. What international agreement has set ambitious targets for renewable energy expansion?
 - A) The Kyoto Protocol
 - B) The Paris Climate Accord
 - C) The Renewable Energy Act
 - D) The Global Energy Summit
9. What is one solution to the intermittent nature of renewable energy sources?
 - A) Building more fossil fuel power plants
 - B) Developing advanced energy storage systems
 - C) Relying solely on hydroelectric power
 - D) Reducing energy demand during peak hours
10. What is the overall message of the passage about renewable energy?
 - A) Renewable energy is a temporary solution to energy needs
 - B) Renewable energy has significant challenges that cannot be overcome
 - C) Renewable energy is a transformative opportunity for a sustainable future
 - D) Renewable energy is less effective than fossil fuels in addressing climate change