

SAT Reading and Writing

Week 10

<p>1.</p> <p>The Atacama Desert, located along the western coast of South America, is considered one of the driest places on Earth. Some areas within the desert receive less than 1 millimeter of rainfall per year. Despite its harsh conditions, the Atacama Desert is home to unique plant and animal species that have adapted to survive in this extreme environment by _____.</p>	<p>1. Which choice most logically completes the text?</p> <p>A) relying on humans for water B) utilizing alternative sources of water and moisture C) hibernating during dry periods D) migrating to nearby, more hospitable areas</p>
<p>2.</p> <p>Quantum computing, an advanced form of computing that uses quantum mechanics principles, has the potential to revolutionize various industries. Unlike classical computers, which use bits to represent data as 0s or 1s, quantum computers use qubits, which can be in a superposition of states. This property allows quantum computers to perform complex calculations much faster than classical computers. Despite their potential, they also pose a threat to current cryptographic systems, which rely on the difficulty of factoring large numbers—a task that could be performed more efficiently by a quantum computer.</p>	<p>2. How does the author’s choice to present both the benefits and potential drawbacks of quantum computing contribute to the overall rhetorical purpose of the passage?</p> <p>A) To provide a balanced perspective on quantum computing B) To argue that the disadvantages outweigh the advantages C) To convince readers to invest in quantum computing D) To downplay the importance of quantum computing</p>
<p>3.</p> <p>In his book ‘The Tipping Point,’ Malcolm Gladwell presents the concept that social epidemics spread in a manner similar to infectious diseases. He uses examples such as the sudden decline in crime rates in New York City and the rapid spread of certain fashion trends to illustrate his point. According to Gladwell, there are three key factors that can cause an idea or trend to reach a tipping point: the Law of the Few, the Stickiness Factor, and the Power of Context. These factors work together to create a phenomenon where ideas, products, or behaviors can suddenly gain widespread popularity or change drastically.</p>	<p>3. What is the central idea of the passage about ‘The Tipping Point’?</p> <p>A) Social epidemics spread like infectious diseases B) Crime rates in New York City have declined dramatically C) Fashion trends are the best example of tipping points D) Malcolm Gladwell’s book is about the history of social epidemics</p>

<p>4.</p> <p>While researching a topic, a student has taken the following notes:</p> <ul style="list-style-type: none"> • The Chernobyl disaster occurred on April 26, 1986, at the No. 4 reactor in the Chernobyl Nuclear Power Plant. • The explosion released large amounts of radioactive particles into the atmosphere. • The nearby city of Pripyat was evacuated, displacing around 50,000 residents. • The Chernobyl Exclusion Zone was established, and it covers an area of approximately 2,600 square kilometers. 	<p>4. Which choice most effectively uses relevant information from the notes to describe the consequences of the Chernobyl disaster?</p> <p>A) The Chernobyl disaster happened in 1986 at the No. 4 reactor in the Chernobyl Nuclear Power Plant.</p> <p>B) The explosion at the Chernobyl Nuclear Power Plant resulted in the evacuation of the nearby city of Pripyat.</p> <p>C) The Chernobyl disaster led to the evacuation of 50,000 residents from Pripyat and the creation of the Chernobyl Exclusion Zone, which spans 2,600 square kilometers.</p> <p>D) The Chernobyl disaster occurred in 1986, and its effects are still felt today in the 2,600 square kilometer Chernobyl Exclusion Zone.</p>
<p>5.</p> <p>The concept of a circular economy is an alternative to the traditional linear economy, where resources are extracted, used, and then discarded. A circular economy focuses on minimizing waste by designing products and systems to be reusable, repairable, and recyclable. This approach can contribute to more sustainable economic growth, reducing the strain on finite resources and the environment. However, transitioning to a circular economy requires a significant shift in mindset, infrastructure, and policy, as well as cooperation among various stakeholders.</p>	<p>5. How does the author’s use of contrast between the linear and circular economies serve the rhetorical purpose of the passage?</p> <p>A) To emphasize the benefits of the circular economy</p> <p>B) To discredit the linear economy completely</p> <p>C) To provide a neutral comparison of the two systems</p> <p>D) To argue that the circular economy is unrealistic</p>
<p>6.</p> <p>In the early 20th century, the assembly line revolutionized manufacturing. This innovation, introduced by Henry Ford, significantly decreased the time it took to produce a single automobile, making cars more affordable for the population.</p>	<p>6. Which choice completes the text so that it conforms to the conventions of Standard English?</p> <p>A) generals</p> <p>B) general</p> <p>C) generals’</p> <p>D) general’s</p>