

Read the selection and choose the best answer to each question. Then fill in the answer on your answer document.

Julio has written the following paper about an exciting new invention. The invention, a water-producing wind turbine, was designed to help solve water shortages in certain parts of the world. Read Julio's paper and look for any revisions he should make. Then answer the questions that follow.



Marc Parent Drawing Water
from a Wind Turbine

From Wind to Water

(1) In November 2011 a French company began testing an exciting new wind turbine in the United Arab Emirates. (2) Wind turbines, which capture energy from the wind, have been around for years. (3) So what's so exciting about this one? (4) It's a winner. (5) It's quite special.

(6) Inventor Marc Parent wasn't thinking about turbines. (7) He was simply watching water droplets bead up on an air conditioner one day and decided to put a pan under the unit to catch them. (8) The drops trickled down into the pan, eventually filling it. (9) That made Parent wonder. (10) What if a machine could mimic what he was watching but on a much larger scale? (11) How much water could be collected in this way? (12) Suddenly Parent was inspired. (13) If his idea worked, the machine he was envisioning might actually help solve the world's water crisis.

(14) There are those who don't know about this. (15) Sporadic shortages may require us to stop watering our lawns or take shorter showers, but most Americans don't face serious water issues. (16) However, about 40 percent of the people in the world must routinely go to extreme measures to obtain water. (17) Collecting water for drinking, bathing, and cooking is a daily chore, usually assigned to women and children. (18) According to the World Health Organization, women around the world spend 200 million hours a day just getting water for their family's basic needs.

(19) But individual families' access to water is only one part of the water crisis. (20) Shortages and conflict can arise when nations disagree over how to share rivers that pass through more than one country. (21) For example, Cambodia, Bulgaria, and Syria receive about 75 percent of their freshwater from rivers that flow across the borders of hostile upstream neighbors. (22) This has prompted them to predict that access to water will one day replace oil as the main cause of war.

(23) Marc Parent was aware of these problems and excited about the role he might play in helping alleviate some of them. (24) For 10 years he worked on his idea, gathering funds, founding a water company, and beginning the necessary research and development. (25) When Eole Water finally tested a large-scale prototype of Parent's invention, the results were remarkable. (26) It had been over a period of six months that the turbine produced up to 211 gallons of water per day.

(27) Because of the successful test run, Eole Water is now working with commercial manufacturers to mass-produce Parent's new turbine. (28) Of course, these turbines won't solve all the world's water problems. (29) But they could be an important part of the solution, bringing much-needed relief to people everywhere.

7 Julio did not write an effective thesis for this paper. He would like to delete sentences 4 and 5 and replace them with two sentences that better articulate his thesis. Which of the following should he use?

- A Wind turbines aren't anything new. They have been around for a long time.
 - B People come up with new ideas. And new ideas mean creative solutions for all.
 - C This wind turbine is unique. It can produce both energy and water.
 - D A wind turbine may be the perfect answer. Experts believe this is true.
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8 Julio's transition from the second paragraph (sentences 6–13) to the third paragraph (sentences 14–18) is weak. Which of the following could best replace sentence 14 and provide a more effective transition between these two paragraphs?

- F It's our job as young people to bring national attention to the crisis.
 - G We need something to assist with the serious water crisis we are facing.
 - H Today there are people who are illiterate about this situation.
 - J Many people in the United States are unaware that such a crisis exists.
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9 Which sentence can Julio add after sentence 17 to provide additional support for the ideas presented in the third paragraph (sentences 14–18)?

- A I cannot imagine having to spend any portion of my day collecting the water that my family needs to survive.
- B Some must travel great distances for water, carrying containers that weigh as much as 40 pounds.
- C Women and children are the ones who typically have to bear this responsibility.
- D Water has to be found that will meet all the family's needs for drinking, bathing, and cooking.

10 The meaning of sentence 22 is unclear. What is the most effective way to clarify the meaning of this sentence?

- F Change *This* to **It**
- G Change *them* to **some analysts**
- H Change *water* to **it**
- J Change *main* to **primary**

11 What is the most effective way to revise sentence 26?

- A It had been over a period of six months, the turbine produced up to 211 gallons of water per day.
- B Because it had been over a period of six months, the turbine produced up to 211 gallons of water per day.
- C Over a period of six months, the turbine produced up to 211 gallons of water per day.
- D The turbine produced up to 211 gallons of water per day, this was over a period of six months.