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Instructions: Read each question carefully and choose the best answer.

1. What is a reason for the decrease in the number of salmon in the Pacific Northwest?
 - Ⓐ Hydroelectric power plants have sent electric currents into salmon streams.
 - Ⓑ A deadly disease has been transmitted through the sediment.
 - Ⓒ Dams prevent salmon from returning to their birthplaces to lay eggs.
 - Ⓓ Salmon are killed in the turbines of the dams.
2. What are **fossil fuels**?
 - Ⓐ energy sources that create no pollution and can be readily developed all over the world
 - Ⓑ natural energy sources that occur all over the world, such as wind, water, and sunlight
 - Ⓒ energy sources formed over millions of years from heat and pressure underground
 - Ⓓ dinosaur bones that are burned for energy
3. The energy sources in this book can be sorted into what two main groups?
 - Ⓐ fossil and solar
 - Ⓑ water and coal
 - Ⓒ natural and human-made
 - Ⓓ renewable and nonrenewable
4. What is likely to make the biggest difference in increasing the world's use of solar power?
 - Ⓐ Solar cells will continue to decrease in price.
 - Ⓑ Hydroelectric dams will crumble and be unusable.
 - Ⓒ Increasing amounts of sunlight will shine across the world.
 - Ⓓ The noise level of wind turbines will continue to increase.

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5. What is the main idea of the book?
 - Ⓐ Modern societies use a great deal of energy from a variety of sources, and each source has advantages and disadvantages.
 - Ⓑ Some energy sources are much cleaner than others.
 - Ⓒ People don't want to spend much money on energy.
 - Ⓓ The supply of fossil fuels is limited, and the world is using up these resources much too quickly.
6. If a dam were to break, what problem would occur?
 - Ⓐ The area downstream would flood suddenly.
 - Ⓑ Fish would swim upstream to spawn.
 - Ⓒ The turbines would create too much electricity.
 - Ⓓ Sediment would stay in the riverbed.
7. What disadvantage do fossil fuels and hydroelectric power share?
 - Ⓐ Both systems are ugly.
 - Ⓑ Both use heated water.
 - Ⓒ Both can cause damage to the environment.
 - Ⓓ None of the above
8. Which of the following is an example of a **pollutant**?
 - Ⓐ water vapor
 - Ⓑ chemicals in the air
 - Ⓒ solar cells
 - Ⓓ all of the above
9. Which of the following is a good reason to find alternative energy sources?
 - Ⓐ Fossil fuel supplies will not last forever.
 - Ⓑ The need for energy continues to grow.
 - Ⓒ Some of the current sources of energy are damaging the environment.
 - Ⓓ All of the above

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10. Which of the following is an advantage of using solar energy sources instead of fossil fuels?
- Ⓐ Energy from the Sun is a renewable resource.
 - Ⓑ All areas of the world get abundant sunlight.
 - Ⓒ All of the above
 - Ⓓ None of the above
11. **Extended Response:** Describe what the world's energy future will look like if renewable sources of energy are not found.
12. **Extended Response:** Which energy source would you recommend your community increase its use of? Support your answer with two reasons.

Quick Check Answer Sheet

Energy Sources: The Pros and Cons

Main Comprehension Skill: Compare and Contrast

1. Ⓒ Cause and Effect
2. Ⓒ Vocabulary
3. Ⓓ Main Idea and Details
4. Ⓐ Make Inferences
5. Ⓐ Main Idea and Details
6. Ⓐ Cause and Effect
7. Ⓒ Compare and Contrast
8. Ⓑ Vocabulary
9. Ⓓ Main Idea and Details
10. Ⓐ Compare and Contrast
11. Answers will vary somewhat but should include ideas such as the following: *people and countries will fight over what fossil fuels are left; people will chop down trees to heat their homes and cook their food; factories will shut down; people will use bicycles to get everywhere, so it will take a long time to get someplace.*
12. Answers will vary but should state an energy supply and two reasons why this would be a good source. Example: *I think our community should look into using more solar power because this source of energy is clean and can be easily made into electricity.*