🧪 **Chemistry Quiz: Endothermic vs. Exothermic Reactions**

🔘 **Multiple Choice Questions (Choose the correct answer):**

1. **What happens to the temperature in an exothermic reaction?**
   A. It goes down
   B. It stays the same
   C. It goes up
   D. It disappears

2. **Which of these is an example of an endothermic reaction?**
   A. Burning wood
   B. Freezing water
   C. Melting ice
   D. Lighting a candle

3. **In an exothermic reaction, what is released?**
   A. Sound
   B. Electricity
   C. Heat
   D. Cold

4. **Which process is endothermic?**
   A. Condensation
   B. Evaporation
   C. Freezing
   D. Combustion

5. **Which of the following best describes bond changes in an exothermic reaction?**
   A. Bonds form, releasing more energy than was used to break them
   B. Bonds break, using more energy than is released
   C. No bonds are involved
   D. Bonds change temperature

✅ **True or False:**

6. ___ Melting ice is an example of an endothermic process.
7. ___ In an exothermic reaction, energy is absorbed from the surroundings.
8. ___ Breaking bonds always requires energy.
9. ___ Photosynthesis is an endothermic reaction.
10. ___ Heat is released when bonds form in a chemical reaction.

✏️ **Cloze (Fill-in-the-Blank) Questions:**

11. In an _____ reaction, energy is taken in from the surroundings.

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12. In an exothermic reaction, the temperature of the surroundings usually goes _____.

13. Bond _____ requires energy to happen.

14. Combustion is a type of _____ reaction.

15. When new bonds are formed, energy is usually _____.

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