DELAWARE CHEMISTRY · UNIT 2 · 5 QUESTIONS

Bonding and Chemical Reactions — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Which of the following is an example of decomposition reaction?**

- A sodium chloride held by opposite charges
- B water breaking into hydrogen and oxygen
- C the bonds inside a water molecule
- D the oxygen hydrogen bond in water

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2 **Which statement best describes decomposition reaction?**

A ionic compounds form crystal lattices

B covalent bonds hold atoms together in molecules

C decomposition splits a compound apart

D polar bonds arise from differences in electronegativity

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3 **Black and silver compound light microscope on a white bench. Which term is defined as follows: a reaction where one element replaces another in a compound?**



A ionic bond

B single replacement

C covalent bond

D polar bond

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4 **Which of the following is an example of single replacement?**

- A sodium chloride held by opposite charges
- B the bonds inside a water molecule
- C zinc replacing copper in a solution
- D the oxygen hydrogen bond in water

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5 **Which statement best describes single replacement?**

- A ionic compounds form crystal lattices
- B covalent bonds hold atoms together in molecules
- C polar bonds arise from differences in electronegativity
- D single replacement follows an activity series

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ANSWER KEY

1. B
2. C
3. B
4. C
5. D

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