Biology

Biochemistry Test Study Guide

1. What is the definition of physical change?
2. What is the definition of chemical change?
3. What are the 5 clues of a physical change?
4. What are the 5 clues of a chemical change?
5. What happens to the electrons in a covalent bond?
6. What happens to the electrons in an ionic bond?
7. What is a Van der Waal force similar to?
8. List the bonds in order of strongest to weakest.
9. What are reactants?
10. What are products?
11. What is a coefficient?
12. What is a subscript?
13. Balance the following equation: Cu2O + C 🡪 Cu + CO2
14. Balance the following equation: Ca + H2O 🡪 Ca(OH)2 + H2
15. What do chemical reactions need in order to happen?
16. What is activation energy?
17. What happens in an exothermic reaction?
18. What happens in an endothermic reaction?
19. What is an enzyme?
20. What is a catalyst?
21. What does pH stand for?
22. What is a macromolecule?
23. How do cells use carbohydrates?
24. How do cells use lipids?
25. How do cells use proteins?
26. How do cells use nucleic acids?