Midterm Study Guide Part 2

1. What is the difference between living and nonliving?
2. Explain why maintaining homeostasis is critical for living organisms. Give 2 examples.
3. Explain the process of forming a scientific hypothesis.
4. Distinguish between the types of chemical bonds.
5. What are the phases of matter?
6. Explain what a pH scale and how can it is used?
7. What are the three parts of the cell theory?
8. What is the difference between an acid and base?
9. What are the four types of organic compounds?
10. What are the two main categories of energy?
11. What is the difference between renewable and nonrenewable resources?