

Chapter 1 Exploring Life

1. List and explain properties of life.
2. Explain two ecosystem dynamics.
3. List and give example of the levels of organization in the living world.
4. Explain the emergent properties and the concept of biological system is much more than the sum of individual parts.
5. List the hierarchy of classification system.
6. Define evolution.
7. Define, explain and provide examples of the regulation of homeostasis (negative and positive feed back).
8. Explain the difference between the discovery science and hypothesis-based science.
9. What is scientific method?
10. Distinguish hypothesis and theory.