Chapter 2 Quiz

Part A: Match the term on the left with its correct definition on the right.

1. cell membrane  
   A. tiny organisms
2. species  
   B. the simplest living things
3. chlorophyll  
   C. an organism that breathes through lungs and can live on land or water
4. reptile  
   D. the part of a cell that contains chlorophyll
5. micro-organisms  
   E. a thin covering that is found on both plant and animal cells
6. nucleus  
   F. the control centre of a cell
7. Protista  
   G. organisms that can breed and produce offspring that can also reproduce
8. Monera  
   H. animals that have a backbone
9. vertebrates  
   I. substance that allows plants and some protists to make food using light from the Sun
10. chloroplasts  
    J. mostly unicellular organisms

Part B: Circle T for true or F for false.

11. Scientists classify plants into four main groups based on how they reproduce.  
    T    F

    T    F

13. All cells are alike in the way they look and the job they do.  
    T    F

14. Scientists use classification to help them understand the diversity of life on Earth.  
    T    F

15. Plants use energy from the Sun to turn carbon dioxide from the air and water from the soil into food.  
    T    F
Chapter 2 Quiz (continued)

16. Conifers reproduce with spores. Flowering plants produce seeds in a fruit or a flower. Ferns reproduce by cones.  
   T  F

17. All micro-organisms are harmful.  
   T  F

Part C: Complete the sentences.

18. Diatoms, yeast, and bacteria are alike because _________________, but they are different because _________________.

19. A cell membrane and a cell wall are similar because ________________, but they are different because _________________.

20. A young amphibian and a young mammal are similar because ________________, but they are different because _________________.

Part D: Answer the following questions.

21. Why do scientists classify organisms? ________________

22. How can a classification key help you identify an organism? ________________

23. How do Aboriginal peoples classify organisms? ________________

24. Why are observation skills important when classifying organisms? ________________