Section: Tools and Techniques

Read each question, and write your answer in the space provided.

1. What is the International System of Units commonly called? What is the abbreviation for International System of Units?

_______________________________________________________________

2. What are two reasons scientists use the International System of Units?

_______________________________________________________________

_______________________________________________________________

In the space provided, write the letter of the unit of measurement that matches what is being measured.

_____ 3. length  a. gram
_____ 4. mass  b. liter
_____ 5. volume  c. meter

In the space provided, write the letter of the number that matches the prefix.

_____ 6. centi- a. 1,000
_____ 7. kilo- b. 0.01
_____ 8. milli- c. 0.001

Read each question about lab techniques, and write your answer in the space provided.

9. Why do scientists use microscopes, and what are two types of microscopes?

_______________________________________________________________

_______________________________________________________________

_______________________________________________________________

_______________________________________________________________
10. What is sterile technique, and why is it important?

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

11. What do scientists do to collect data remotely?

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

12. List ten ways to stay safe in an indoor laboratory.

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

13. List four ways to stay safe if you are working on an outdoor science project.

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

14. What should you do if an accident occurs in your science lab?

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________