Laboratory Safety & Volume Measurement – Test

Please read all questions carefully and give the best answer.

Fire Safety

1. Where is the nearest Fire Extinguisher located in your classroom or laboratory?

   _____

2. T or F   Always heat everything, especially chemicals.

3. T or F   Heat items in an open container when instructed by your Science Instructor.

4. T or F   Always reach across a flame.

5. T or F   Always maintain a clean work area, particularly when using a flame.

Volume Measurement

6. Multiple Choice: How much is a fluid ounce?

   A. 10 ml

   B. 20 ml

   C. 30 ml

   D. 40 ml

7. Multiple Choice: In which career is the use of Volume Measurement critical to maintaining human health?

   A. Electrical
   B. Medical
   C. Industrial
   D. Construction

Glassware Safety

8. T or F   Never use heat-resistant gloves when picking up a hot beaker.

9. T or F   Always use clean glassware and thoroughly clean it before putting it away.

10. T or F   You can always use cracked glassware in the laboratory.

Chemical Safety

11. T or F   Never smell any chemical from its container unless instructed to do so by your Science Instructor.

12. T or F   Never mix chemicals unless instructed to do so by your Science Instructor.

13. T or F   Never taste or touch any chemicals unless instructed to do so by your Science Instructor.

14. T or F   Keep all lids closed when chemicals are not in use.

Face & Eye Safety

15. T or F   Always point a test tube or bottle towards you when being heated.

16. T or F   You should always use goggles when working in the Science Laboratory.

Sharp Instrument Safety

17. T or F   Always use double edge razors as single edge razors are too dangerous.

18. T or F   Always handle sharp instruments with extreme care.

Electrical Safety

19. T or F   Never plug too many different electrical appliances into one socket as it can cause an overload.

Animal Safety

20. T or F   Always use Latex Free Gloves if you have a Latex Allergy and if you are working with a Live Animal.