Quiz 6A

Are the following statements about laboratory safety True (T) or False (F)?

\_\_\_F\_\_\_\_ Eye protection is not needed while you are reading or writing in the lab even if other students are still performing their experiments.

\_\_\_T\_\_\_\_ Learning to be safe in chemistry laboratories is best accomplished by thinking about the hazards and risks associated with experiments.

\_\_\_F\_\_\_\_ When taking chemicals from a stoppered bottle **always** lay the stopper on a clean and covered counter top before pouring.

\_\_\_T\_\_\_\_ Most spills in academic lab settings are fairly small, but still need to be dealt with immediately and properly.

\_\_\_T\_\_\_\_ In the lab you should be covered from the shoulders to the knees at a minimum, but shoulders to the feet is better.

\_\_\_F\_\_\_\_ Broken glass may be placed in the trash can, only after it has been washed of all chemicals.

\_\_\_T\_\_\_\_ The very last thing you should always do before leaving lab is to wash your hands.

\_\_\_T\_\_\_\_ When using an emergency shower it is important to almost always remove clothing.

\_\_\_F\_\_\_\_ Although food is not allowed in the lab, covered drinks are.

\_\_\_F\_\_\_\_ If a chemical gets on your hand you should rinse it for a few seconds.

\_\_\_T\_\_\_\_ Most accidents in labs occur when safety rules and safe practices are not followed.

\_\_\_F\_\_\_\_ A hot sample will weigh the same as a room temperature one.

\_\_\_T\_\_\_\_ If you inadvertently dispose of a chemical into the incorrect waste container, you should notify your instructor immediately.

\_\_\_T\_\_\_\_ If you weigh a sample when it is warm it will appear to weigh less than it actually does.

\_\_\_T\_\_\_\_ When the fire alarm goes off you should stop your experiment, if safe, and exit building.

Quiz 6B

Are the following statements about laboratory safety True (T) or False (F)?

\_\_\_F\_\_\_\_ A hot sample will weigh the same as a room temperature one.

\_\_\_F\_\_\_\_ Scoopulas should never be placed into reagent bottles, but medicine droppers may be.

\_\_\_F\_\_\_\_ When pouring a liquid into a graduated cylinder in the hood, the safest place for the graduated cylinder is on the front edge.

\_\_\_F\_\_\_\_ Weighing paper should be left on the balances to protect them from chemical spills.

\_\_\_F\_\_\_\_ When using a Bunsen burner, it is an acceptable lab technique to leave the gas on while searching for a match.

\_\_\_T\_\_\_\_ A reagent bottle must never be taken to your workbench.

\_\_\_T\_\_\_\_ Pouring chemicals down the sink instead of in the waste container may cause unintended chemical reactions to occur.

\_\_\_T\_\_\_\_ When the fire alarm goes off you should stop your experiment, if safe, and exit building.

\_\_\_T\_\_\_\_ You should never look directly down into a container being heated because some of the material may splatter onto your face and clothing.

\_\_\_F\_\_\_\_ If a chemical smells good, it must taste good and therefore it can be eaten.

\_\_\_F\_\_\_\_ Once you are finished experimenting you may remove your safety equipment.

\_\_\_T\_\_\_\_ Many common laboratory incidents have one or more preventable causes.

\_\_\_F\_\_\_\_ Only chemicals that are toxic are considered hazardous.

\_\_\_T\_\_\_\_ Scarves should not be worn during experiments.

\_\_\_T\_\_\_\_ You should not apply make-up or lip balm in the laboratory as you may transfer chemicals to your make-up and face.