Quiz 6A

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

\_\_\_T\_\_\_\_ Goggles or safety glasses are necessary for all students whenever anyone is working with chemicals or flames.

\_\_\_F\_\_\_\_ It is acceptable lab technique to leave unused chemicals by the balances for other students to use.

\_\_\_F\_\_\_\_ Although food and drinks are not allowed in the lab, chewing gum is permitted.

\_\_\_T\_\_\_\_ If a small fire starts one option is to smoother it with a beaker.

\_\_\_T\_\_\_\_ The appropriate footwear for lab is closed toed shoes.

\_\_\_F\_\_\_\_ You may mix any chemicals that are set out for an experiment.

\_\_\_T\_\_\_\_ Always be sure that the gas to the Bunsen burners is turned off before you leave lab for the day.

\_\_\_F\_\_\_\_ If you see bubbles that means a reaction is taking place.

\_\_\_F\_\_\_\_ If you spill acid on your skin neutralize it with base.

\_\_\_T\_\_\_\_ When working in the chemical hood be sure that the sash is at least 18 inches (about ¾ of the way down) from the bottom.

\_\_\_T\_\_\_\_ If you got sodium metal on your skin, you should scrape it away because it is very reactive with water.

\_\_\_F\_\_\_\_ An acceptable place to dispose of matches is in the sink.

\_\_\_T\_\_\_\_ To contain a large spill encircle it with sand or the provided material.

\_\_\_T\_\_\_\_ Safety in the chemistry lab or otherwise is everyone’s responsibility.

\_\_\_T\_\_\_\_ In case of a fire, accident burn, or other emergency, notify the instructor immediately.

Quiz 6B

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

\_\_\_T\_\_\_\_ You should not mix chemicals together unless directed to do so by the lab manual or your instructor.

\_\_\_T\_\_\_\_ When heating a test tube in a flame, do not heat it in only one place, but move it up and down so that the heating is even.

\_\_\_F\_\_\_\_ If you got sodium metal on your skin it would be a good idea to rinse it away with water.

\_\_\_F\_\_\_\_ You must wear safety glasses or goggles only when there are other students working nearby who might do something stupid.

\_\_\_F\_\_\_\_ If you spill a base on your skin rinse it away with an acid.

\_\_\_T\_\_\_\_ When working in the chemical hood be sure that the sash is at least 18 inches (about ¾ of the way down) from the bottom.

\_\_\_T\_\_\_\_ Once extinguished matches may be disposed of in a trash can.

\_\_\_T\_\_\_\_ Your clothing should cover you from the shoulders to the knees at a minimum.

\_\_\_F\_\_\_\_ Only chemicals in open beakers are hazardous.

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

\_\_\_T\_\_\_\_ Always be sure that the gas to the Bunsen burners is turned off before you leave lab for the day.

\_\_\_F\_\_\_\_ Tasting chemicals is allowed for solutions that are very dilute.

\_\_\_F\_\_\_\_ In case of a fire, accident burn, or other emergency, alert other nearby students, but tell the instructor only if the event is “serious”.

\_\_\_T\_\_\_\_ If a small fire starts one option is to smoother it with a beaker.

\_\_\_T\_\_\_\_ To contain a large spill encircle it with sand or the provided material.