Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Lab Safety Questions**

**Multiple Choice**:Answer these questions by circling the best answer.

1. After completing an experiment, all chemical wastes should be

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| 1. left at your lab station for the next class. | 1. taken home. |
| 1. dumped in the sink. | 1. disposed of according to your instructor’s directions. |

1. You are heating a substance in a test tube. Always point the open end of the tube

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| 1. away from all people | 1. toward another classmate. |
| 1. toward yourself. | 1. toward your lab partner. |

1. When your finish working with chemicals, biological specimens, and other lab substances, always

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| 1. wipe your hands on your clothes. | 1. treat your hands with skin lotion. |
| 1. wash your hands thoroughly with soap and water. | 1. wipe your hands on a towel. |

1. You are heating a piece of glass and now want to pick it up. You should

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| 1. pour cold water on it. | 1. pick up the end that looks cooler. |
| 1. use a rag or paper towels. | 1. use tongs. |

1. Long hair in the laboratory must be

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| 1. cut short. | 1. tied back or kept entirely out of the way with a hair band, hair pins, or other confining device. |
| 1. always neatly groomed. | 1. held away from the experiment with one hand. |

1. If a laboratory fire erupts, immediately

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| 1. run for the fire extinguisher. | 1. open the windows. |
| 1. throw water on the fire. | 1. notify your instructor. |

1. You have been injured in the laboratory (cut, burn, etc.). First you should

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| 1. see a doctor after school. | 1. tell the science instructor at once. |
| 1. visit the school nurse after class. | 1. apply first aid yourself. |

1. When gathering glassware and equipment for an experiment, you should

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| 1. read all directions carefully to know what equipment is necessary. | 1. examine all glassware to check for chips and cracks. |
| 1. clean any glassware that appears dirty. | 1. all of the above. |

1. Flammable materials, like alcohol, should never be dispensed or used near

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| 1. an open door. | 1. an open flame. |
| 1. another student. | 1. a sink. |

1. If you do not understand a direction of a lab procedure, you should

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| 1. skip it and go on to the next part. | 1. ask the instructor before proceeding. |
| 1. try several methods until something works out. | 1. figure it out as you do the lab. |

1. Horseplay or practical jokes in the laboratory are

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| 1. always against the rules. | 1. okay. |
| 1. okay if you are working alone. | 1. not dangerous. |

1. ***There are two correct answers***: Pipets are used to measure and dispense small amounts of liquids. To fill a pipet

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| 1. use a rubber bulb | 1. use a pipet pump | 1. use your mouth |

1. If you wear contact lenses in the school laboratory,

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| 1. keep the information to yourself. | 1. you do not have to wear protective goggles. |
| 1. advise your science instructor that you wear contact lenses. | 1. take them out before starting the lab. |

1. If a lab experiment is not completed, you should

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| 1. make up some results. | 1. discuss the issue with your instructor. |
| 1. sneak in after school and work alone. | 1. come in during lunch and finish while eating lunch. |

1. If an acid is splashed on your skin, wash at once with

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| 1. soap | 1. oil |
| 1. plenty of water. | 1. weak base. |

1. Approved eye protection devices (such as goggles) are worn in the laboratory

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| 1. only if you don’t have corrective glasses. | 1. any time chemicals, heat, or glassware are used. |
| 1. to avoid eye strain. | 1. to improve your vision. |

1. In a laboratory, the following should not be worn.

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| 1. loose clothing. | 1. sandals. |
| 1. dangling jewelry. | 1. all of the above. |

1. The following footwear can be worn in the laboratory.

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| 1. open-toed shoes. | 1. close-toed shoes. |
| 1. bare feet. | 1. sandals. |

1. If a piece of equipment is not working properly, stop, turn it off, and tell

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| 1. your best friend in the class. | 1. the custodian. |
| 1. the science instructor. | 1. your lab partner. |

1. Personal eyeglasses provide as much protection as

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| 1. splash proof chemical goggles. | 1. a face shield. |
| 1. safety glasses. | 1. none of the above. |

**True or False**: Answer these questions by writing the word TRUE or FALSE on the line.

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. It’s okay to pick up broken glass with your bare hands as long as the glass is placed in the trash. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. Hot glass looks the same as cold glass. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. It’s okay to leave an open flame unattended. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. You are allowed to enter the chemical preparation/storage area anytime you need to get an item. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. Never remove chemicals or other equipment from the laboratory. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. All chemicals in the lab are to be considered dangerous. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. Work areas should be kept clean and tidy. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. Return all unused chemicals to their original containers. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. Laboratory work can be started immediately upon entering the laboratory even if the instructor is not present yet. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. All unauthorized experiments are prohibited (not allowed). |