

Biological Sciences Safety Guidelines Quiz

Name:

Advisor:

Date:

1. What should you do if there is a fire in the lab?

Select one or more:

- a. Throw water on the fire.
- b. Call 911 and pull the fire alarm.
- c. Throw an inert material on the fire.
- d. Don't let anyone know you started a fire.
- e. Get a fire extinguisher out of the hallway.

2. What information must a waste container label include?

Select one or more:

- a. The name and percentage of each constituent.
- b. A current date
- c. Acronyms and chemical formulas are fine to use.
- d. All of the above.
- e. The chemical definers, solid, liquid, toxic, flammable, acid, alkali or reactive.

3. How long should you wash your eyes if you get an eye splash?

Select one:

- a. 15 minutes
- b. It depends on what you got in your eye.
- c. 20 minutes
- d. 5 minutes

4. Match up what each of these waste receptacles are for.

- | | |
|----------|------------------------------|
| Answer A | Recycling |
| Answer B | Broken glass box |
| Answer C | Hard sided sharps containers |
| Answer D | Trash |

Answer E Red bags

- Bio-hazardous material that aren't sharps
- Broken glassware
- Anything that is not broken glass, sharp or biologically or chemically hazardous
- Needles, razors, slides, and cover slips
- Paper, soft cardboard (e.g., glove and kimwip boxes), cans, drink bottles, recyclable plastics.

5. What should you do the first time you ever use the autoclave?

Select one:

- a. Make sure your containers with liquid are only half full
- b. Check to make sure there is steam.
- c. Read the Standard Operating Procedure
- d. Make sure your container is autoclavable.
- e. Use secondary containment to catch over flow.

6. If you are injured what should you do?

Select one or more:

- a. Don't tell anyone, you might not get to work in the lab anymore.
- b. Go to the Health Center with a buddy.
- c. Report the injury to your supervisor

7. How should you leave your bench top?

Select one or more:

- a. With waste and aliquoted reagents labeled properly and with lids on.
- b. Leave tips on the pipets so they are ready to go when you come in next
- c. Wipe down the counter and leave it clean, tidy and organized.
- d. Don't worry about garbage, the techs clean that up
- e. Turn off any equipment especially microscope and spectrophotometer lights

8. What is important to do when using fume hoods?

Select one or more:

- a. Check that the vents are not blocked.
- b. Check the air flow using the vaneometer

- c. Adjust the sash to 80-150 LFS
- d. Store all of your chemicals and reagents in the hood.

9. What is the protocol for using scalpels with disposable blades?

Select one or more:

- a. When finished for the day, put the blades in a pan of bleach.
- b. Use a second scalpel to hold your specimen down, not your fingers
- c. Use forceps to remove the blade.
- d. Have a safe zone for the scalpels.
- e. Put the used blades in hard sided bio-hazard sharps container..

10. What are important rules to follow when working in the field?

Select one or more:

- a. It is OK to work alone if you are familiar with the area and have worked there before.
- b. If bitten by a snake, suck the venom out as quickly as you can.
- c. Make sure you bring plenty of water and drink frequently to keep yourself hydrated.
- d. Dress for the weather. On a hot day it is OK to wear sandals, shorts and a hat.
- e. Check yourself for ticks.

11. When opening and using -80C freezers.

Select one:

- a. Get in and out
- b. Scrape excess ice off the doors.
- c. When finished make sure the door is latched.
- d. All of the above

12. What should you do if you break glassware?

Select one or more:

- a. Use forceps to pick up small pieces of glass
- b. Pick the glass up with your gloved hands.
- c. Use a broom and dustpan to pick up the glass.

- d. If the glass isn't contaminated it can go in the regular trash.

13. When should you wear eye protection in the lab?

Select one or more:

- a. When working with acids and bases.
 b. When working with oxidizers or corrosive chemicals.
 c. When working with flammable chemicals.
 d. When working with carcinogens.

14. All chemical waste bottles should be in secondary containment.

Select one:

- True
 False

15. It is OK to ride in the elevator with compressed gas cylinders if you are only going one floor.

Select one:

- True
 False

16. It is OK to have your water bottle in the lab but no other drinks or food.

Select one:

- True
 False

17. Gloves should be removed before handling doorknobs, computers or phones.

Select one:

- True
 False

18. It is OK to run a centrifuge for a couple of seconds with only one tube in it.

Select one:

- True

False

19. It is OK to keep food or drink in a lab refrigerator if it hasn't been opened.

Select one:

True

False

20. It is not necessary to label water tubes and vessels.

Select one:

True

False