Physics, Astronomy & Geology Labs

Lab Safety Quiz

Refer to the GPC Science Laboratory Safety Guidelines to answer the following questions. Mark your answers in pencil on your scantron form, choosing the correct letter option as specified below.

Appropriate Dress

Which of the following items of dress should or should not be worn, or should be avoided, in a science laboratory?

A = Must be worn C = Avoid wearing E = Should not be worn

1. Close-toed shoes
2. Sandals
3. High heels
4. Clothing which exposes the skin
5. Loose-fitting clothing

6. Food and Drink

For your information, biohazards are present in the Physics, Astronomy and Geology labs. When is it allowable to bring or consume food or drink inside the labs?

A = Never C = Before lab begins E = At any time

7. Injury, Chemical Spill, or Breakage

When should you notify your instructor if an injury, chemical spill or breakage occurs?

A = Immediately C = When convenient E = At the end of the lab

8. Students with Chronic Medical Issues; Students who are Pregnant or Nursing.

Whom should such students consult about the potential risks associated with participation in a science laboratory?

A = Lab instructors C = Family members E = Health care providers
9. Laboratory Workspace

Maintaining a neat laboratory workspace includes (choose all that apply):

A = Keeping work area and aisles free of personal items.
B = Not creating trip hazards.
C = Not blocking pathways to the exits.
D = Storing book bags in your work area, or in the aisles.

10. Use of Equipment, Supplies and Chemicals

Which of the following are consistent with the policies on use of equipment, supplies and chemicals (choose all that are correct):

A = Containers you have opened will be recapped by lab personnel after the lab.
B = Breakable items should not be placed at the edge of a table or counter.
C = Microscopes should be carried with both hands.
D = Cracked or chipped glassware can be used if care is taken.
E = Students should know the location of lab safety equipment.

11. Disposal of Materials

Which of the following are consistent with the policies on disposal of materials (choose all that are correct):

A = Do not attempt to clean up broken glass by yourself.
B = Dispose of broken glass in the waste paper basket.
C = Dispose of chemical waste in the proper waste container as specified by your instructor.

12. Leaving the Laboratory

Which of the following are consistent with the policies on leaving the laboratory (choose all that are correct):

A = Clean and return all materials to their proper location.
B = Turn off water faucets; turn off and unplug hotplates and other electrical items.
C = Do not dispose of any trash in the sink.
D = Wash your hands with soap and water before you leave the lab.
13. Cell Phones or Similar Communications Devices.

**True or False?** Georgia Perimeter College prohibits student use of cell phones, pagers or similar communication devices in classrooms, laboratory areas, libraries, and learning and tutoring centers.

A = True       E = False

14. Additional guidelines

**True or False?** The guidelines listed specifically in the *Science Laboratory Safety Guidelines* are the only guidelines with which a laboratory student need be concerned.

A = True       E = False

15. Consequences

A student may be removed from a lab class, and will receive a grade of zero for that period, after which safety violation?

A = First violation.  
B = Second violation.  
C = Third violation.

*Write your name, course and section on your scantron and turn it in to your instructor at the beginning of the 2nd lab period.*