

Choose the letter of the response that **best** answers each question or statement.

Write a **capital letter** on the line next to each number.

- 1) _____ What must you do before you are allowed to enter the laboratory?
 - A) Skim over the procedure.
 - B) Practice using the equipment on the front counter.
 - C) Thoroughly read the procedure and complete the pre-lab assignment.
 - D) Say the magic password.

- 2) _____ What should be the very last function performed in the lab before you leave?
 - A) Bid the instructor farewell.
 - B) Make sure that you have all of your belongings.
 - C) Arrange a time with your lab partner to work on homework.
 - D) Wash your hands.

- 3) _____ Which of the following will not be permitted in the laboratory?
 - A) long, loose hair
 - B) dangling jewelry
 - C) baggy clothing
 - D) sandals
 - E) all of the above

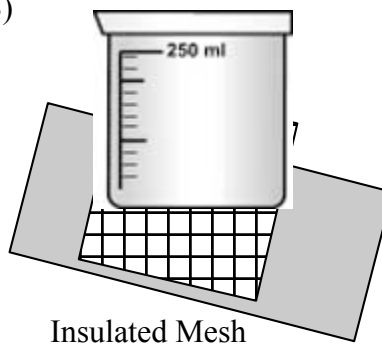
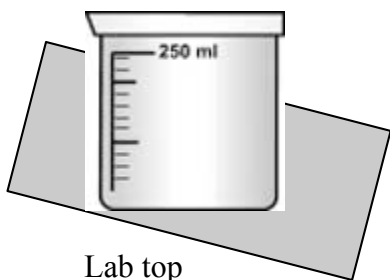
- 4) _____ The correct procedure for combining acid and water:
 - A) Add acid to large amounts of water.
 - B) Add water to large amounts of acid.
 - C) Always add acid to water, cool and swirl.
 - D) Always add water to acid, cool and swirl.
 - E) Just dump them both together into a beaker.

- 5) _____ Which of the follow should **not** be a part of the check-out at the end of the lab?
 - A) Turn off the water.
 - B) Turn off the gas valves.
 - C) Rip off your goggles and stuff them into the cabinet.
 - D) Cool, clean, and neatly arrange all equipment.

- 6) _____ Approved eye protection (like goggles) are used in the laboratory
 - A) to avoid eye strain.
 - B) at all times when chemicals, glassware or heat are used
 - C) to improve your vision.
 - D) to wear only if you don't have corrective glasses.

- 7)_____ Should you happen to get pregnant this semester, you should
 A) check with your physician and teacher prior to working in the lab.
 B) wear baggy clothes and keep it a secret.
 C) bring your sonogram to class.
 D) stop coming to class because you don't have time.
- 8)_____ Once your heating device (Bunsen burner or hot plate) is on, you should
 A) go get a friend to make sure you turned it on correctly.
 B) go get your chemical supplies for the lab.
 C) clear off the lab top.
 D) never leave it unattended.
- 9)_____ If your lab partner and you do not understand a direction or part of a procedure,
 A) experiment so you do not look foolish.
 B) skip that part of the procedure.
 C) ask the instructor before proceeding.
 D) copy another lab group's data.

- 10)_____ Which picture best shows how a hot beaker should be cooled on a lab table?
 A) B)



- 11)_____ If you see an interesting piece of equipment on all the lab benches, you should
 A) pick it up to see what scale it uses.
 B) not touch it until you are instructed to do so.
 C) experiment with it since you are in a science classroom.
 D) take it down the hall to see if Mr. Arrow knows how to use it.
- 12)_____ If you or your lab partner are seriously hurt, immediately yell out
 A) "Code one, code one."
 B) "Help."
 C) "Red alert, red alert."
- 13)_____ How long should you rinse your eyes if you splash a chemical into them?
 A) At least 20 minutes
 B) 30 seconds
 C) At least 5 minutes
 D) About 10 minutes

- 14) _____ What should you do in case of a fire drill in lab?
 A) Run to the safety shower and drench yourself with water.
 B) Climb into the fume hood and turn on the fan.
 C) Carry as many chemicals out of the building as possible.
 D) Close all chemical containers and gas valves and turn off electrical equipment before exiting the room.
- 15) _____ What should you do if you or your lab partner breaks glass equipment?
 A) Use the broken-glass dustpan to sweep it up and deposit the broken glass in the trash.
 B) Use the broken-glass dustpan to sweep it up and tell Mr. Balmer.
 C) Pick up the glass and quietly dispose of it so you don't disturb the rest of the class.
 D) Put \$5 in the fume hood to pay for the replacement glassware.

Answer bank for questions 16-20

A) fire extinguisher
 E) detonation box

B) eye wash
 F) fume hood

C) throw rug
 G) first aid kit

D) safety shower
 H) safety blanket

16) _____



18) _____



19) _____



17) _____



20) _____



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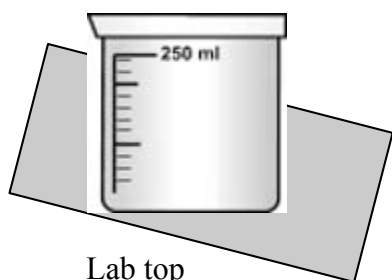
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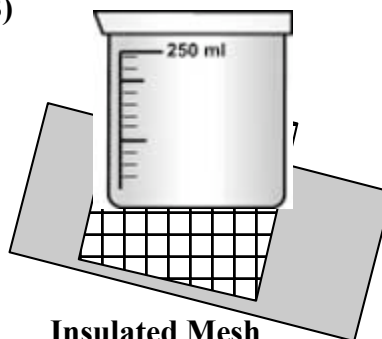
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Answer bank for questions 16-20

- B) fire extinguisher #16 B) eye wash #19 C) throw rug D) safety shower #18
 E) detonation box F) fume hood #17 G) first aid kit H) safety blanket #20

16) _____



18) _____



17) _____



19) _____



20) _____

