



General Plant Safety Assessment Answer Key

Name: _____ Date: _____

1. Standing on wet ground or a wet floor while using an electrical tool
_____ your probability of electrical shock.
 - A. does not increase
 - B. *increases*

2. Blood borne Pathogens are transmitted by blood, saliva and other bodily fluids. Name two types of personal protective equipment to prevent exposure.

(Any two of the following)

Gloves

Eye Protection

Face shields or masks.

Aprons, gowns, or lab coats.

3. The right attitude towards your safety and that of others is one where you always assume responsibility to act in a manner which avoids or prevents accidents?
 - A. *True*
 - B. False

4. When using a straight ladder, how far from the surface should the base be placed for each four feet that the ladder extends up to the surface?
 - A. 6 inches
 - B. *one foot*
 - C. 2 feet



5. Loose Clothing should not be worn around rotating or other movable-parts machinery.
6. One of the most important factors in personal safety is (choose the most correct answer):
 - A. Knowing that you are prepared and that nothing can happen to you.
 - B. *Your attitude toward safety.*
 - C. Wearing safety equipment “most of the time.”
 - D. Not to take too many “chances.”
7. Knowledge of how to do a job safely is likely to be at its lowest, and therefore most critical to us:
 - A. When we are doing things for the first time.
 - B. When we are doing things differently.
 - C. *Both “A” and “B.”*
8. What three types of safety devices/apparel should be worn when you use solvents to clean parts or surfaces?

Rubber or plastic-covered gloves.

Safety glasses.

Rubber or plastic-covered apron.
9. How do you determine if a pair of glasses are safety glasses?

The manufacturer’s symbol is on the lenses and the frames of the glasses.



10. What are three of the six categories of clothing and safety equipment?

Possible answers:

Clothing suitable for industrial work.

Head coverings.

Eye and face protection.

Hand and arm protection.

Hearing protection.

Lung and breathing protection.

11. Fire extinguishers should

- A. be located in conspicuous and accessible places.
- B. be checked periodically to ensure they are properly changed.
- C. be matched relative to the type of fire common to the workplace.
- D. *All of the above.*

12. Statistics on workplace accidental injuries published by the National Safety Council show the three most frequently injured parts of the body are:

- A. *Arms, Hands and Fingers*
- B. Heads, Face and Eyes
- C. Legs, Feet and Toes

13. Match the type of head protection equipment with the type of protection.

- | | |
|----------------------------|------------------------------|
| <u>B.</u> Hard Hat | A. cuts and bruises to scalp |
| <u>A.</u> Bump Hat | B. falling or moving objects |
| <u>C.</u> Welders Skullcap | C. burns to hair scalp |



14. Which of the following causes the highest percentage of workplace accidents?
- A. Incorrect procedures.
 - B. *Position and actions of people.*
 - C. Improper use of tools and equipment.
15. Name one of the types of devices that provide protection to the eye.
- (Any one of the following)*
- Safety glasses.*
- Goggles.*
16. What are two of the eight steps suggested to correctly (manually) lift a heavy object.

Possible responses:

Estimate the load to be lifted. If it is heavier than one person can lift, get help.

Place footing properly. Spread feet slightly with one foot slightly ahead of the other and alongside the object.

Bend knees, kneel, or squat. Get close enough to the load to reach under it without bending your back.

Use blocking under objects to get a handhold and to prevent mashed fingers.

Get a good grip. Be sure you can maintain your grip on the object. Use gloves when handling sharp or rough objects.

Let your legs do the lifting. To rise, straighten your legs.

Shift your feet to turn, rather than twist your body at the waist.

Lower the load to the floor from the carrying position by bending the knees while keeping your back straight.



17. Of the two types of ear protection, which generally gives the best protection?
- A. *Ear muffs*
 - B. Ear plugs
18. Which type of extinguisher is satisfactory for all the common types of plant fires?
- A. Type A
 - B. *Type A B C*
 - C. Type B C
19. What location in a building must always be left unblocked by any standing or stored items and must always be unlocked from the inside?
- The exits.*
20. When restarting machinery which has been taken out of service for maintenance or servicing, procedures called lockout procedures must be strictly followed.