

Northeast Community College
Introduction to Industrial Safety
OSHA-10hr

Name: _____

Date: _____

1. OSHA's mission is to:
 - a. Protect the safety and health of the general public.
 - b. Protect the safety and health of America's workers.
 - c. Ensure that all workers receive the federal minimum wage.
 - d. Ensure that all workers receive adequate workers' compensation payments.

2. The creation of OSHA provided this important right to workers:
 - a. The right to equal employment opportunities.
 - b. The right to privacy.
 - c. The right to pension benefits.
 - d. The right to a safe and healthful workplace.

3. A Safety Data Sheet ((M)SDS) gives information about:
 - a. Hazardous chemicals.
 - b. Injuries in the workplace.
 - c. Medical examinations.
 - d. Machinery maintenance.

4. Among the rights related to OSHA recordkeeping, workers have the right to review:
 - a. All first aid treatment forms.
 - b. All Workers Compensation forms.
 - c. The OSHA 300 Log and the OSHA 300A Summary.
 - d. Medical and exposure records for all workers.

5. During an OSHA inspection:
 - a. Worker representatives are not permitted to accompany the inspector.
 - b. You may not describe safety and health concerns you have to the inspector.
 - c. Employers determine which workers are interviewed.
 - d. You have the right to talk to the inspector privately.

6. One of the main responsibilities employers have under OSHA is to:
 - a. Provide training required by OSHA standards.
 - b. Reduce air pollution in the environment.
 - c. Conduct energy audits.
 - d. Notify OSHA of any workplace injury or illness.

7. When employees use their own PPE, the employer is responsible for assuring its adequacy, including proper maintenance, and sanitation of such equipment.
 - a. True
 - b. False

8. Which of the following is responsible to assess the workplace to determine if hazards are present, or are likely to be present, which necessitate the use of personal protective equipment (PPE).
 - a. Employer
 - b. Employee
 - c. Safety Manager
 - d. Assessing the workplace is optional

9. Protective eye and face devices purchased after July 5, 1994 shall comply with:
 - a. Your current company standards
 - b. NFPA 101
 - c. ANSI Z87.1-1989
 - d. NEC 143.5 (B)

10. PPE related training must cover the following items except:
 - a. When and what kind of PPE is necessary
 - b. How to properly don, doff, adjust, wear, maintain and dispose of PPE
 - c. The limitations of the PPE
 - d. The brand name of the PPE

11. What type of OSHA inspection is conducted when immediate death or serious harm is likely?
- a. Complaint.
 - b. Programmed.
 - c. Referral.
 - d. Imminent danger.
12. When the employer receives an OSHA citation, it must be:
- a. Copied and mailed to each worker.
 - b. Posted for 3 days or until the violation is fixed.
 - c. Contested and filed with the courts.
 - d. Signed and returned to OSHA.
13. If you feel that an OSHA inspection is needed to get hazards corrected at your workplace, which is your best option?
- a. File a complaint online.
 - b. Submit a written, signed complaint with specific hazard information.
 - c. Request a Health Hazard Evaluation from NIOSH.
 - d. Submit an unsigned complaint form to OSHA.

14. Which pictogram would be used for a gas under pressure? (Circle)



15. Which pictogram would designate a chemical that is a skin irritant? (Circle)



16. Under the new GHS standard, safety data sheets have 8 sections of data that must be completed.
- a. True
 - b. False
17. Your facility must maintain a Safety Data Sheet for every hazardous chemical in the workplace.
- a. True
 - b. False
18. Which of the following is least effective when implementing solutions for controlling exposure to hazards?
- a. Engineering Controls
 - b. Administrative Controls
 - c. Retraining and PPE for employees
 - d. None of the above
19. Which type of health effects occur over time after repeated exposures?
- a. Acute
 - b. Chronic
 - c. Minute
 - d. No effects
20. _____ occurs when a chemical comes in contact with the exposed skin, eyes, or mucus membranes.
- a. Absorption
 - b. Inhalation
 - c. Ingestion
21. A small, portable container of a transferred chemical doesn't have to be labeled as long as it is being used immediately by the employee who performed the transfer.
- a. True
 - b. False

22. In general, the lower the flashpoint listed on an (M)SDS, the less flammable the substance is.

- a. True
- b. False

23. Where should fall protection anchorages be set in relation to your d-ring?

- a. Adjacent
- b. Lower
- c. Higher
- d. There is no relation

24. Lanyards and vertical life lines must have a breaking point of what?

- a. 700 lbs.
- b. 1500 lbs.
- c. 5000 lbs.
- d. 7000 lbs.

25. An extension ladder should be maintain at what rise over run

- a. 2 to 1
- b. 3 to 1
- c. 4 to 1
- d. None of the above

26. The elements of an energy control program include:

- a. Procedures for locking and tagging out equipment.
- b. Employee training
- c. Periodic inspections of lockout/tagout activities.
- d. All of the above.

27. Which of the following is an example of an energy isolating device?

- a. Circuit breaker
- b. Disconnect switch
- c. Line Valve
- d. All of the above
- e. None of the above

28. Damages cilia in the ear do not repair themselves and we cannot grow more.
- a. True
 - b. False
29. OSHA required a hearing conservation program be established when sound levels average _____ decibels over an eight-hour time-weighted period.
- a. 65
 - b. 85
 - c. 90
 - d. 105
30. According to the OSHA Noise Exposure Standard, the maximum permissible noise exposure for sound levels at 97 decibels is _____ hours.
- a. 3
 - b. 6
 - c. 8
 - d. 10
31. Any machine part, function or process which may cause injury must be safeguarded.
- a. True
 - b. False
32. The major causes of machine incidents are poorly maintain machinery and poor lighting.
- a. True
 - b. False
33. Adjustable guards provide a barrier which may be adjusted to facilitate a variety of production operations.
- a. True
 - b. False
34. Safeguards are essential for protecting workers from needless and preventable machinery related injuries.
- a. True
 - b. False

35. Two major areas where mechanical hazards occur are Point of Operation and In-Running Nip Points.
- a. True
 - b. False
36. When attempting to extinguish a fire, one should always keep their bodies between the flame and the nearest exit.
- a. True
 - b. False
37. When attempting to extinguish a fire, if the fire requires the use of more than one extinguisher the individual should evacuate and call 911.
- a. True
 - b. False
38. The four elements that must be present for fire to exist include heat, oxygen, fuel, and a chemical reaction between the three.
- a. True
 - b. False
39. There are five classes of fire, Class A, B, C, D and K
- a. True
 - b. False
40. Class B fires are those fires that occur involving paper and wood.
- a. True
 - b. False
41. The four simple steps for operating a fire extinguisher can be remembered with the word PASS. Pull, Activate, Squeeze, Sweep.
- a. True
 - b. False
42. When using a straight or extension ladder to access an elevated surface, the ladder should extend three feet above the elevated surface.
- a. True
 - b. False

43. A stepladder can still be used even when its base is not spread fully open and the spreaders are not locked.
- True
 - False
44. Never attempt to move the ladder without first descending, relocating the ladder, and then re-climbing.
- True
 - False
45. You discover the electrical cord on a drill has been damaged and some of the cord's insulation is missing. You should?
- wrap tape around the damaged spot to prevent electrical shocks.
 - check to see if the drill still works.
 - tag the drill out of service and notify the department responsible for equipment maintenance.
 - make sure that the cord does not come in contact with the floor.
46. The safest ladder to use around electricity is?
- wood.
 - fiberglass.
 - aluminum.
 - a step stool.
47. The earth, water, concrete and the human body are all conductors of electricity.
- True
 - False
48. The effects of an electrical shock on the body depend upon all of the following *EXCEPT*:
- current.
 - path.
 - duration.
 - body weight.
49. Injuries from electricity can include which of the following?
- electric shock that may or may not result in electrocution.
 - falls.
 - burns.
 - all of the above.

50. Which of the following is acceptable by OSHA standards?
- an unqualified employee flipping tripped breakers in a breaker box.
 - plugging an extension cord into a second extension cord.
 - removing a ground pin if needed to plug into a two prong outlet.
 - a qualified person repairing an extension cord.
51. Fire prevention includes?
- Stopping fire from occurring
 - Separating fuel load from ignition source
 - Minimizing fuel load
 - All of the above
52. How does one prepare for a fire emergency?
- Know evacuation plan
 - Be familiar with location of assembly
 - Practice fire drills
 - All of the above
53. Keeping all stairs and passageways and other means of egresses unobstructed:
- Is a good housekeeping practice
 - Helps expedite emergency evacuation
 - Is one aspect of maintaining proper storage
 - All of the above
54. For personal protective equipment to protect you, it must be used, and used properly.
- True
 - False
55. Wearing PPE, even if improperly, is better than not wearing it at all.
- True
 - False