

Northeast Community College
OSHA 30-Hour
S. Grudzinski

Comprehensive Exam

Name: _____

Date: _____

1. Which pictogram would be used for a gas under pressure?

Question 1 options:



2. Which pictogram would designate a chemical that is a skin irritant?

Question 2 options:



3. Under the new GHS standard, safety data sheets have 8 sections of data that must be completed.
- a. True
 - b. False
4. Your facility must maintain a Safety Data Sheet for every hazardous chemical in the workplace.
- a. True
 - b. False

5. Which of the following is NOT a true statement:
 - a. An accident is any unplanned event that results in personal injury or in property damage.
 - b. An incident is an unplanned, undesired event that adversely affects the completion of a task.
 - c. All incidents, whether a near-miss or an actual injury-related event, should be investigated.
 - d. All accidents are incidents, but not all incidents are accidents.
 - e. None of the above.

6. In spite of their complexity, most accidents are preventable by eliminating one or more causes.
 - a. True
 - b. False

7. Who has the most visible role in the accident investigation process?
 - a. Management
 - b. Employees
 - c. Investigators
 - d. Regulators

8. 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

9. Which type of health effects occur over time after repeated exposures?
 - a. Acute
 - b. Chronic
 - c. Minute
 - d. No effects

10. _____ occurs when a chemical comes in contact with the exposed skin, eyes, or mucus membranes.
 - a. Absorption
 - b. Inhalation
 - c. Ingestion

11. 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

12. In general, the lower the flashpoint listed on an (M)SDS, the less flammable the substance is.
 - a. True
 - b. False

13. Guard rails may be temporary or permanent.
 - a. True
 - b. False

14. Who is the primary person responsible to protect you from a fall?
 - a. The fall protection manufacturer
 - b. Your supervisor
 - c. Your partner in the "buddy system"
 - d. You

15. Where should fall protection anchorages be set in relation to your d-ring?
 - a. Adjacent
 - b. Lower
 - c. Higher
 - d. There is no relation

16. Lanyards and vertical life lines must have a breaking point of what?
 - a. 700 lbs.
 - b. 1500 lbs.
 - c. 5000 lbs.
 - d. 7000 lbs.

17. Personal fall arrest systems contain all of the following EXCEPT
 - a. Full body harness
 - b. Hard hat
 - c. Connecting device
 - d. Anchor point

18. Some people have or can develop latex allergies. What is an effective method to prevent harming them with medical gloves?
- Using powdered latex gloves.
 - Use vinyl or nitrile gloves.
 - In case of an emergency, do not wear gloves when treating them.
 - Latex gloves are no longer manufactured, so it doesn't really matter.
19. Cut-Resistance gloves are what?
- Impenetrable to stabbing
 - Impenetrable to slicing
 - Helpful to reduce hand injuries from sharp objects.
 - Both A & C
20. An extension ladder should be maintain at what rise over run
- 2 to 1
 - 3 to 1
 - 4 to 1
 - None of the above
21. A "Confines Space" is defined by OSHA as a space which restricts the movement of an occupant.
- True
 - False
22. A monitor for a Permit Required Confined Space can do another job as long as he/she can maintain voice contact with the entrant.
- True
 - False
23. The normal concentration of oxygen in the air is 21 percent.
- True
 - False
24. An entrant must be trained prior to entering a confined space.
- True
 - False

25. The minimum safe level of oxygen is 18 percent.
- True
 - False
26. The elements of an energy control program include:
- Procedures for locking and tagging out equipment.
 - Employee training
 - Periodic inspections of lockout/tagout activities.
 - All of the above.
27. Which of the following is an example of an energy isolating device?
- Circuit breaker
 - Disconnect switch
 - Line Valve
 - All of the above
 - None of the above
28. Both lockout and tagout devices are always required when isolating equipment.
- True
 - False
29. If multiple people are servicing equipment, only one lock and tag are required.
- True
 - False
30. Lockout locks can be keyed alike.
- True
 - False
31. Lockout locks must be standardized by color, shape, or size.
- True
 - False
32. Lockout/tagout must be performed by authorized employees.
- True
 - False
33. Lockout/tagout is used solely to isolate active electrical energy.
- True
 - False

34. Damages cilia in the ear do not repair themselves and we cannot grow more.
- True
 - False
35. OSHA required a hearing conservation program be established when sound levels average _____ decibels over an eight-hour time-weighted period.
- 65
 - 85
 - 90
 - 105
36. According to the OSHA Noise Exposure Standard, the maximum permissible noise exposure for sound levels at 97 decibels is _____ hours.
- 3
 - 6
 - 8
 - 10
37. Which of the following is a symptom of hearing loss?
- Having difficulty understanding what others accents.
 - Increasing the volume of your television to levels uncomfortable to others.
 - Having trouble hearing in low-frequency ranges.
 - All of the above.
38. Which of the following materials could contain bloodborne pathogens?
- Bloody saliva
 - Semen
 - Vaginal secretions
 - All of the above
39. A quarter cup of household bleach to one gallon of water provides a strong enough solution to effectively decontaminant most surfaces and equipment if left on for 10 minutes.
- True
 - False
40. The risk of exposure to bloodborne pathogens is only possible when blood is present in the bodily fluid.
- True
 - False

41. Treating all body fluids as if infected is known as _____ Precautions.
42. Covers and/or guardrails are required for open pits, tanks, manholes, vats, and ditches.
- True
 - False
43. Permanent walking passages do not have to be marked.
- True
 - False
44. Any machine part, function or process which may cause injury must be safeguarded.
- True
 - False
45. The major causes of machine incidents are poorly maintain machinery and poor lighting.
- True
 - False
46. Adjustable guards provide a barrier which may be adjusted to facilitate a variety of production operations.
- True
 - False
47. Safeguards are essential for protecting workers from needless and preventable machinery related injuries.
- True
 - False
48. Two major areas where mechanical hazards occur are Point of Operation and In-Running Nip Points.
- True
 - False
49. When attempting to extinguish a fire, one should always keep their bodies between the flame and the nearest exit.
- True
 - False
50. When attempting to extinguish a fire, if the fire requires the use of more than one extinguisher the individual should evacuate and call 911.
- True
 - False

51. The four elements that must be present for fire to exist include heat, oxygen, fuel, and a chemical reaction between the three.
- True
 - False
52. There are four classes of fire, Class A, B, C, and K
- True
 - False
53. Class B fires are those fires that occur involving paper and wood.
- True
 - False
54. The four simple steps for operating a fire extinguisher can be remembered with the word PASS. Pull, Activate, Squeeze, Sweep.
- True
 - False
55. When conducting hot work, the person designated as a fire watch must monitor the area for a minimum of _____ once the work has ceased.
- 10 minutes
 - 30 minutes
 - 60 minutes
 - A fire watch is not necessary once the work is complete
56. What is hot work?
- Flame producing activities.
 - Working when the outside temperature is over 80° F.
 - Spark producing activities.
 - (a) and (c).
 - All of the above.