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FORKLIFT FINAL EXAMINATION

1. According to OSHA, approximately how many workers are killed each year from forklift truck accidents?
 - a. 25
 - b. 50
 - c. 75
 - d. 100

2. The major reason forklift safety training is so important is:
 - a. It's the law
 - b. It protects the workers
 - c. It reduces the company's operating cost
 - d. All the above

3. The number one cause of forklift accidents is:
 - a. Running off the loading dock
 - b. Tip over
 - c. Struck by falling load
 - d. Improper maintenance

4. Once you are trained you can operate any type of forklift.
 - a. True
 - b. False

5. Which is not a characteristic of a professional forklift operator?
 - a. Capable of spinning the tires without spilling the load
 - b. Responsible
 - c. Keeps the vehicle under control at all times
 - d. Never stops learning about his profession

6. The primary sources of fuel for a forklift are:
 - a. Gasoline
 - b. Diesel
 - c. Liquid Propane
 - d. Industrial batteries
 - e. All the above

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7. All forklifts are required to have all warning labels visible and legible.
 - a. True
 - b. False
8. The Operation and Maintenance manual is to be on the machine at all times.
 - a. True
 - b. False
9. The operator is not required to fasten the operator restraint (seat belt) when:
 - a. Moving the forklift from one end of the yard to the other
 - b. When maneuvering the machine for repairs
 - c. When operating the machine inside a container
 - d. When it would be more dangerous to wear a seat belt than not wear one.
10. The major difference between automobiles and forklifts is:
 - a. Forklifts typically weight more than automobiles
 - b. Forklifts use rear wheel steering
 - c. Forklifts do not carry passengers
 - d. All the above
11. Cushion tires work best on:
 - a. Railroad crossings
 - b. Wet outdoor surfaces
 - c. Uneven or rough surfaces
 - d. Smooth, dry surfaces
12. The term Free Lift refers to the distance the forks can be raised without the mast increasing in height.
 - a. True
 - b. False
13. Federal OSHA requires the forklift to be inspected
 - a. Once a week
 - b. At the start of the day or the beginning of a shift
 - c. Once a month
 - d. Once a quarter

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14. Pre-operation inspections can
- Improve safety
 - Reduce down time
 - Reduce cost
 - All the above
15. When defects are noted during the pre-operation inspection, it is OK to continue to use the forklift until the job is completed.
- True
 - False
16. When checking for propane leaks it is best to:
- Use a soapy solution
 - Use a match or lighter
 - Smell for leaks
 - All the above.
17. It is not necessary for the operator to be authorized to make repairs to a forklift as long as he has access to the proper tools.
- True
 - False
18. The stability of the forklift is based on what principle?
- Principle of Gravity
 - Principle of Stability
 - Principle of Balance
 - Principle of Momentum
19. The balancing point of the forklift is;
- The counterbalance
 - The front wheels
 - The back wheels
 - The mast
20. Which of the following is **not** one of the key *offsetting weights* for an internal combustion engine forklift?
- Forks
 - Counterbalance
 - Frame
 - Transmission

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21. The principle offsetting weight for an electric powered forklift is:
- The frame
 - The motor and pumps
 - The steering suspension and axle
 - The battery
22. The point in an object around which all the weight is evenly distributed is:
- The weight of the load
 - The center of gravity
 - The balance point
 - The stability pyramid
23. The center of gravity is always at the physical center of the load.
- True
 - False
24. When a load is lifted, the center of gravity for the forklift does not change position.
- True
 - False
25. Which is not one of the three points of the stability triangle of a forklift?
- Center point of the steering axle
 - Left drive wheel
 - Highest point on the forklift
 - Right drive wheel
26. What may happen when the combined center of gravity moves outside of the stability pyramid?
- Potential for a tip over
 - Loss of steering
 - Loss of traction
 - All of the above
27. A legible capacity plate is always to be mounted on the machine.
- True
 - False

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28. An attachment to the forklift can be installed at any time without the written approval of the manufacturer.
- True
 - False
29. The side-to-side stability of a forklift is better when it is unloaded.
- True
 - False
30. When moving up or down a ramp with an unloaded forklift, the forks should be pointed:
- Down the grade
 - Up the grade
 - It doesn't matter which way
 - Depends on the size of the forklift
31. When parking your forklift, it is important that:
- The controls are neutralized, the forks lowered to the ground and the park brake set
 - The forks are up against a load
 - The controls are neutralized; the park brake set and the fork raised a few inches from the ground.
 - It be easily accessible
32. When you are more than 25 feet from your forklift or it is out of sight, you should turn off the ignition.
- True
 - False
33. When making a turn at an intersection
- Slow down
 - Sound horn
 - Watch for rear end swing
 - All the above
34. When operating a lift truck, it is:
- The pedestrian's responsibility to watch you
 - Your responsibility to watch the pedestrian
 - Management is responsible to keep the pedestrians out of the work area

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35. When following another forklift you should maintain at least:
- Two vehicle lengths behind
 - Three vehicle lengths behind
 - Four vehicle lengths behind
 - Five vehicle lengths behind
36. If a load obstructs your forward vision, you must travel in reverse or use a spotter to direct you.
- True
 - False
37. When moving a wide load it is ok to hang out of the operator's compartment to see around it.
- True
 - False
38. When loading a tractor trailer you should:
- Chock the wheels of the trailer
 - Check the condition of the floor
 - Make sure the dock plate is secure
 - All the above
39. A railroad track should be crossed:
- Straight on
 - Diagonally
 - From the rear only
 - With load raised high so you can see the tracks
40. When engaging the load:
- Approach it at an angle and let the forks straighten it.
 - Slam into the load to make sure it is tight against the backrest
 - Squarely engage the load until it touches the carriage
 - The forks do not need to be more than half way under the load.
41. You should sound your horn when approaching an intersection, door openings, and other blind spots
- True
 - False

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42. When traveling with a load, the mast should be:
- Tilted slightly forward
 - Tilted slightly back
 - The position of the mast doesn't affected the stability of the machine
 - Forward when going up a ramp to keep the load level.
43. When picking up a load, you should:
- Spread the forks as wide as the load permits
 - Make sure the load touches the back of the carriage
 - Carefully pick up the load, raise it to travel height and tilt the mast back slightly
 - All of the above.
44. You should never turn a forklift with the load raised above travel height. (6-8 inch)
- True
 - False
45. Loose loads should never be higher than the backrest.
- True
 - False
46. When elevating personnel, only OSHA/ANSI approved platforms should be used.
- True
 - False
47. When refueling a forklift, you should
- Follow company policy
 - Never smoke
 - Shut off the engine
 - All of the above
48. What happens if the service valve on an LP tank is opened to quickly?
- The fuel supply line could burst
 - The back pressure check valve will close
 - The engine will not restart
 - The fuel supply valve will freeze open

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49. LP tanks can be replaced in confined spaces.
- True
 - False
50. LP fuel is lighter than air.
- True
 - False
51. When fueling a gasoline or diesel forklift, always fill the tank completely full.
- True
 - False
52. When parking a LP powered forklift overnight always:
- Shut off the service valve
 - Avoid high heat sources
 - Avoid parking in confined spaces
 - All of the above
53. After installing the LP fuel tank, it is best to check the connection with a soapy solution.
- True
 - False
54. What is the explosive gas generated by batteries when charging?
- Oxygen
 - Nitrogen
 - Hydrogen
 - Potassium
55. Personal protective equipment should be worn when handling batteries.
- True
 - False
56. You must be trained and authorized to charge a battery.
- True
 - False

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57 Battery size affects

- a. Load capacity
- b. Stability
- c. Work cycle duration
- d. All the above

58 Normally, you should only add water to a battery:

- a. Before charging
- b. During charging
- c. After charging
- d. It doesn't matter when you add the water

59. If you are exposed to electrolyte, the first thing you need to do is:

- a. See medical attention immediately
- b. Wait until the shift is over
- c. Go to the nearest eye wash station and flush the affected area.
- d. None of the above.

SAMPLE