

## Chapter 11 Safety Questions – Gilles 2<sup>nd</sup> edition

Choose your answer to the safety test from this list

1 ½	End	Instructor
6	Explosions	Jack
air	Eye or face	Jack
air	Fire	Legs
asbestos	Flash	Manual
B	Freeze	Reground
Back, eyes	Gasoline	Rest
Belt	Gravity	Side
Blowguns	Green	Spontaneous
Charger	Grinders	Squeezing
Data sheet	Ground	Talk
Disconnected	Handle	Vapor
Drill	Hydraulic	Water
Drilling	Hydraulic jack	Water
Electrical	Impact	Water wrench

1. If you should become injured while working in the shop, inform your \_\_\_\_\_ immediately.
2. The most common injuries in an automotive shop involve the \_\_\_\_\_ and \_\_\_\_\_.
3. Lift with your \_\_\_\_\_, not your back.
4. If a \_\_\_\_\_ is burning out of control, leave the area immediately and call for help.
5. A flammable liquid fire is called a Class \_\_\_\_\_ fire.
6. Keep oily materials separated from air to prevent \_\_\_\_\_ combustion
7. What form of gasoline is the most dangerous? Liquid, vapor (circle one)
8. Never use \_\_\_\_\_ to clean floors or parts.
9. The temperature at which a flammable liquid's vapor will ignite when brought into contact with an open flame is called the \_\_\_\_\_ point.
10. Disconnect the battery \_\_\_\_\_ cable before working on a vehicle electric system
11. Before an \_\_\_\_\_ fire can be extinguished, the battery must be disconnected.
12. Do not attempt to put out a gasoline fire with \_\_\_\_\_.
13. The information sheet about a hazardous material is called a Material Safety \_\_\_\_\_ (MSDS)
14. If caustic liquid (from a hot tank) gets into your eyes flush with \_\_\_\_\_ especially under the eyelids.
15. A HEPA vacuum is a special vacuum for \_\_\_\_\_.
16. The color of the wiring for ground on commercial and household electrical wiring is \_\_\_\_\_.
17. Electrical cooling fans should be \_\_\_\_\_ before working around them.

18. Before opening a radiator, test for pressure in the system by \_\_\_\_\_ the top radiator hose.
19. Mushroomed punches or chisels should be \_\_\_\_\_ before use.
20. Always wear \_\_\_\_\_ protection when using hammers, chisels, pullers, batteries, air conditioning machinery, compressed air, and other hazardous situations.
21. Always use a \_\_\_\_\_ on the tang of a file
22. Compressed \_\_\_\_\_ can penetrate skin and must be used cautiously.
23. Do not \_\_\_\_\_ to someone who is operating a machine
24. A \_\_\_\_\_ bit has a tendency to grab the work when it just begins to break through the metal.
25. When \_\_\_\_\_ sheet metal or large pieces of metal in the drill press, make sure they are clamped to the work table.
26. Stand to the \_\_\_\_\_ when starting a grinder
27. Position the tool \_\_\_\_\_ as close to the grinding wheel as possible
28. Rubber-tipped \_\_\_\_\_ work at full shop air pressure
29. When using an air impact wrench, be sure to use an extra thick socket, called an \_\_\_\_\_ socket.
30. When an air impact \_\_\_\_\_ is used with a wobble socket, the socket can fly off if the tool is started when the socket is not on the bolt head
31. When using an \_\_\_\_\_ chisel, be sure to have the tool bit against the work piece before you squeeze the trigger
32. Die \_\_\_\_\_ turn at speeds of up to 20,000 rpm. Be sure to use wheels that are rated for that high a speed.
33. Because they can develop force of from 20-40 tons, \_\_\_\_\_ presses can cause parts to explode.
34. Locate the correct lift points in the service \_\_\_\_\_ before using a hydraulic service jack or lift.
35. When lifting a vehicle on a frame-contact lift, place the lift adapters at the specified locations and raise the vehicle about \_\_\_\_\_. Then, shake it to see that it is firmly placed.
36. Use a \_\_\_\_\_ to raise and lower a vehicle only
37. A jacked-up vehicle should be placed firmly on \_\_\_\_\_ stands
38. When moving an engine that is mounted on a shop crane, be sure the engine is lowered as far as possible to keep the center of \_\_\_\_\_ low.
39. Bolts that attach an engine sling or engine stand adaptor to the block should enter the block at least \_\_\_\_\_ turns.
40. When using a transmission \_\_\_\_\_ on a car that is on a frame-contact lift, be careful not to raise the car off the lift adapters as you raise the transmission.
41. The most common cause of battery \_\_\_\_\_ is when someone unhooks the battery charger without turning it off.
42. Shut off and unplug the battery \_\_\_\_\_ before unhooking either of the cables

- 43. If acid gets on the skin or eyes, immediately flush with \_\_\_\_\_ for at least 15 minutes
- 44. If refrigerant from an air conditioning system contacts your skin or eyes it will \_\_\_\_\_ them.
- 45. The keys should be out of the ignition any time a \_\_\_\_\_ is being inspected or adjusted.
- 46. When a floor creeper is not in use, it should be stood on \_\_\_\_\_ so it is not accidentally stepped on.