

Name

Class

Date

: _____ : _____ e: _____

Chapter 02 Engine Shop Safety Test

1. The most common injuries in an automotive shop involve the _____ and _____.

ANSWER: Back, eyes

POINTS: 1

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False

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2. If refrigerant from an air-conditioning system contacts your skin or eyes it will _____ them.

ANSWER: Freeze

POINTS: 1

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False

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3. Lift with your _____, not your back.

ANSWER: Legs

POINTS: 1

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False

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4. If a _____ is burning out of control, leave the area immediately and call for help.

ANSWER: Fire

POINTS: 1

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False

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5. A flammable liquid fire is called a Class _____ fire.

ANSWER: B

POINTS: 1

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False

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6. Keep oily materials separated from air to prevent _____ combustion.

ANSWER: Spontaneous

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POINTS: 1
QUESTION TYPE: Subjective Short Answer
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7. What form of gasoline is the most dangerous, liquid or vapor? (Circle one.)

ANSWER: Vapor
POINTS: 1
QUESTION TYPE: Subjective Short Answer
HAS VARIABLES: False
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8. Never use _____ to clean floors or parts.

ANSWER: Gasoline
POINTS: 1
QUESTION TYPE: Subjective Short Answer
HAS VARIABLES: False
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9. The temperature at which a flammable liquid's vapors will ignite when brought into contact with an open flame is called the _____ point.

ANSWER: Flash
POINTS: 1
QUESTION TYPE: Subjective Short Answer
HAS VARIABLES: False
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10. Disconnect the battery's _____ cable before working on a vehicle electric system.

ANSWER: Ground
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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11. Before a(n) _____ fire can be extinguished, the battery or power source must be disconnected.

ANSWER: Electrical
POINTS: 1

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HAS VARIABLES: False
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12. Do not attempt to put out a gasoline fire with _____.

ANSWER: Water
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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13. A HEPA vacuum is a special vacuum for _____.

ANSWER: Asbestos
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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14. The color of the wiring for ground on household electrical wiring is _____.

ANSWER: Green
POINTS: 1
QUESTION TYPE: Subjective Short Answer
HAS VARIABLES: False
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15. Electric cooling fans should be _____ before working around them.

ANSWER: Disconnected
POINTS: 1
QUESTION TYPE: Subjective Short Answer
HAS VARIABLES: False
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16. Before opening a radiator, test for pressure in the system by _____ the top radiator hose.

ANSWER: Squeezing
POINTS: 1
QUESTION TYPE: Subjective Short Answer
HAS VARIABLES: False

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17. Neat and clean work habits show a _____ attitude.

ANSWER: Professional
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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18. Mushroomed punches or chisels should be _____ before use.

ANSWER: Reground
POINTS: 1
QUESTION TYPE: Subjective Short Answer
HAS VARIABLES: False
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19. Always wear _____ protection when using hammers, chisels, pullers, batteries, air-conditioning machinery, compressed air, and other hazardous equipment.

ANSWER: Eye or face
POINTS: 1
QUESTION TYPE: Subjective Short Answer
HAS VARIABLES: False
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20. Always use a _____ on the tang of a file.

ANSWER: Handle
POINTS: 1
QUESTION TYPE: Subjective Short Answer
HAS VARIABLES: False
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21. Compressed _____ can penetrate skin and must be used cautiously.

ANSWER: Air
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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22. Rubber-tipped _____ work at full shop air pressure.

ANSWER: Blowguns

POINTS: 1

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False

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23. When using an air impact wrench, be sure to use an extra thick socket, called a(n) _____ socket.

ANSWER: Impact

POINTS: 1

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False

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24. When an air impact _____ is used with a wobble socket, it can fly off and hit something if the tool is turned on when the socket is not on the bolt.

ANSWER: Wrench

POINTS: 1

QUESTION TYPE: Subjective Short Answer

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25. When using a(n) _____ chisel, be sure to have the tool bit against the workpiece before you squeeze the trigger.

ANSWER: Air

POINTS: 1

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False

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26. Die _____ turn at speeds of up to 20,000 rpm. Be sure to use wheels that are rated for at least that speed.

ANSWER: Grinders

POINTS: 1

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False

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27. Do not use a _____ on the handle of a vise or it might break.

ANSWER: Pipe
POINTS: 1
QUESTION TYPE: Subjective Short Answer
HAS VARIABLES: False
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28. Do not distract or _____ to someone who is operating a machine.

ANSWER: Talk
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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29. A _____ bit has a tendency to grab the work when it just begins to cut through the metal.

ANSWER: Drill
POINTS: 1
QUESTION TYPE: Subjective Short Answer
HAS VARIABLES: False
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30. When _____ sheet metal or large pieces of metal on the drill press, make sure that they are clamped to the worktable.

ANSWER: Drilling
POINTS: 1
QUESTION TYPE: Subjective Short Answer
HAS VARIABLES: False
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31. Stand to the _____ when starting the grinder.

ANSWER: Side
POINTS: 1
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32. Position the tool _____ as close to the grinding wheel as possible.

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ANSWER: Rest
POINTS: 1
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33. Because they can develop force of from 20 to 40 tons, _____ presses can cause parts to explode.

ANSWER: Hydraulic
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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34. Locate the correct lift points in a service _____ before using a hydraulic jack or hoist.

ANSWER: Manual
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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35. Use a _____ to raise and lower a vehicle only.

ANSWER: Hydraulic jack
POINTS: 1
QUESTION TYPE: Subjective Short Answer
HAS VARIABLES: False
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36. A raised-up vehicle should be placed firmly on _____ stands.

ANSWER: Jack
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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37. When lifting a vehicle on a frame-contact hoist, place the lift pads at the specified locations and raise the vehicle about _____. Then shake it to see that it is firmly placed.

ANSWER: 6 inches

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POINTS: 1
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38. Bolts that attach an engine sling or engine stand adapter to the block should enter the block at least _____ times the diameter of the bolt.

ANSWER: 1 1/2
POINTS: 1
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39. When moving an engine that is hanging from an engine _____, be sure that the engine is lowered as far as possible to keep the center of gravity low.

ANSWER: Picker
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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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 pads as you raise the transmission.

ANSWER: Jack
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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41. When a floor creeper is not in use, it should be stood on _____ or pushed under a car so it is not accidentally stepped on.

ANSWER: End
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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42. The most common cause of battery _____ is when someone unhooks the battery charger without turning it

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off.

ANSWER: Explosions
POINTS: 1
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43. Shut off and unplug the battery _____ before disconnecting any of the cables.

ANSWER: Charger
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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44. If acid gets on skin or eyes, immediately flush with _____ for at least 15 minutes and seek medical attention as soon as possible.

ANSWER: Water
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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45. If you become injured while working in the shop, inform your _____ immediately and seek medical attention as soon as possible.

ANSWER: Instructor
POINTS: 1
QUESTION TYPE: Subjective Short Answer
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46. The four categories under which the EPA categorizes waste are ignitability, corrosivity, reactivity, and _____.

ANSWER: Toxicity
POINTS: 1
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47. Wastes that have a pH lower than 2 or higher than 12.5 are _____.

ANSWER: Corrosive
POINTS: 1
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48. MSDS stands for _____ Safety Data Sheet.

ANSWER: Material
POINTS: 1
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49. A chemical with a _____ exposure limit is more toxic.

ANSWER: Smaller
POINTS: 1
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50. When a chemical enters the body and travels to other organs, this is called a _____ effect, rather than a local effect.

ANSWER: Systemic
POINTS: 1
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