Question 1
A lock washer is used to
a. prevent vibration from loosening the joint.
b. hold the flat washer in place.
c. prevent anyone from taking the nut off.
d. keep the screw threads clean

Question 2
If a vehicle loses acceleration
a. check the fuel
b. horsepower is declining
c. torque is declining
d. press harder on the gas pedal

Question 3
If black soot is accumulating in the tailpipe,
a. the fuel-air mix is collecting in the tailpipe.
b. the positive crankcase ventilator should be replaced.
c. the fuel injectors must be replaced.
d. the catalytic converter is working correctly.

Question 4
In a 4-cylinder 4-stroke engine, how many explosions occur in one minute when the engine is running at 2,000 rpm?
a. 1,000
b. 2,000
c. 4,000
d. 8,000

Question 5
Which of the following is NOT a type of chisel?
a. T-square chisel
b. scoop chisel
c. beveled chisel
d. cold chisel

Question 6
In house construction, which of the following would be built first?
a. foundation
b. subflooring
c. framing
d. ceiling

Question 7
What is the purpose of a 15-degree offset on an open-end wrench?
a. To protect your knuckles.
b. To torque the bolt to the correct tightness.
c. To allow the wrench to grab the nut when working in tight quarters.
d. To allow a hex wrench to fit a square-headed bolt.
Question 8
A carpenter's square is used to __________.
a. draw straight lines  
b. measure distances  
c. draw circles  
d. cut wood

Question 9
Which list of fasteners is organized from weakest to strongest?  
a. carriage bolt, lag bolt, screw  
b. nail, screw, lag bolt, carriage bolt  
c. screw, nail, lag bolt, carriage bolt  
d. staple, carriage bolt, nail, lag bolt

Question 10
Which of the following tools is used to measure angles?  
a. protractor  
b. hammer  
c. C-clamp  
d. tape measure

Question 11
What is the purpose of welding?  
a. joining  
b. cutting  
c. measuring  
d. fitting

Question 12
Which tool would you be most likely to use after sawing wood?  
a. wood file  
b. plane  
c. belt sander  
d. wood chisel

Question 13
Which of these tools are likely to be used together?  
a. center punch and drill bit  
b. Phillips screwdriver and slot screwdriver  
c. wood plane and coping saw  
d. nail set and center punch

Question 14
Which is the correct sequence in a four-cycle internal combustion engine?  
a. intake, compression, power, rest  
b. reduction, power, compression, exhaust  
c. intake, compression, power, exhaust  
d. exhaust, compression, intake, power
Question 15
Which of the following describes a naturally occurring force that acts to hold back an object in motion?
- a. friction
- b. buoyancy
- c. pressure
- d. density

Question 16
When using a lag-shield anchor in concrete, it is necessary to
- a. use a power-actuated tool.
- b. drill a hole first.
- c. set the anchor in wet concrete.
- d. use construction adhesive.

Question 17
When sanding drywall, always
- a. use a belt sander.
- b. start with fine sandpaper.
- c. sand with the grain.
- d. wear a dust mask.

Question 18
If tire pressure gets low, what will happen?
- a. The tire will lose its shape and create extra friction, reducing gas mileage and possibly overheating the tire.
- b. The tire will not absorb energy from the engine.
- c. Vehicle weight will be reduced.
- d. The tire will get better traction on the highway.

Question 19
When replacing a cylinder head
- a. tighten the bolts as much as possible.
- b. tighten the bolts in any order, as long as you tighten them with the correct torque.
- c. tighten the bolts to the correct torque, in the correct order.
- d. use the original bolts.

Question 20
When brake shoes wear too thin, you are likely to see ________ in the drums.
- a. glazing
- b. scoring
- c. hot spots
- d. rust

Question 21
A countersink is
- a. a gauge used to check drill sharpness.
- b. a conical hole that allows a screw head to sit flat with a surface.
- c. a plumbing tool used to check flow through a sink drain.
- d. a specialized masonry drill bit.
Question 22
When sanding wood you should always sand _________.
a. with the grain
b. against the grain
c. diagonally to the grain
d. in circles

Question 23
If engine antifreeze is defective,
a. the engine may overheat.
b. the engine block or cylinder head may crack or warp.
c. the engine may not heat up enough.
d. the heater will stop working.

Question 24
Which of these tools are likely to be used together?
a. center punch and drill bit
b. Phillips screwdriver and slot screwdriver
c. wood plane and coping saw
d. nail set and center punch

Question 25
Which of the following would produce a mechanical advantage?
a. lever
b. hammer
c. spring
d. gear
ANSWERS: ASVAB Practice Test – Auto & Shop Information

1. A
2. C
3. A
4. C
5. A
6. A
7. A
8. A
9. B
10. A
11. A
12. B
13. A
14. C
15. A
16. B
17. D
18. A
19. C
20. B
21. B
22. A
23. B
24. A
25. A