

ASVAB AUTO AND SHOP INFO PRACTICE TEST

1. EFIs are involved in which of the following automobile processes?

- A Emission-control
- B Electromotive force
- C Fuel-injection
- D Automatic transmission

2. Identify the following tool:



- A Socket wrench
- B Open-ended wrench
- C Line wrench
- D Box wrench

3. Which of these tools or bits has a part known as the claw?

- A Wrench
- B T-bevel square

C Screw

D Hammer

4. What is a plumb bob used to measure?

A Angular trueness

B Rotational trueness

C Horizontal trueness

D Vertical trueness

5. Which of these is a consequence of using lubricating oil in engine systems?

A Increase pressure within the engine

B Lower pressure within the engine

C Raise temperature within the engine

D Lower temperature within the engine

6. Which of these bits has an example known as a brad?

A Nuts

B Screws

C Nails

D Bolts

7. Which of these types of saw is most appropriate for cutting intricate shapes in wood?

A Ripsaw

B Coping saw

C Crosscut saw

D Table saw

8. What is the function of an alternator?

A To change gears in either manual or automatic transmission

B To switch inlet and outlet gas valves in cylinders

C To charge the battery and support the vehicle's electrical systems

D To adjust brake power in ABS

9. Typically, spark plugs must reach what voltage level to initiate ignition of the gas-air mixture?

A 2,000 volts

B 8,000 volts

C 20,000 volts

D 140,000 volts

10. In which of these automobile systems would you find a condenser?

A Ignition system

B Emission-control system

C Cooling system

D Drive system

Answers

1. C

EFI computers are electronic fuel-injection computers used in modern vehicles.

Older vehicles used carburetors for fuel injection instead.

2. D

This is an example of a box wrench – where both sides of the wrench are closed (or ‘boxed’ up).

3. D

The claw of the hammer is typically used to extract nails from wood.

4. D

Plumb bobs are used to measure vertical trueness.

The plumb bob hangs from an object and, if it remains in a straight hung line, means that the object is perfectly vertical – what is referred to as trueness.

5. D

Lubricating oil prevents friction.

The more friction, the higher the temperature of the engine.

Lubricating oil, by preventing friction, helps to lower the temperature within the engine.

6. C

Brad nails are small nails that are hammered into wood to provide a cleaner finish than common nails.

7. B

Coping saws have fine teeth – making this kind of saw ideal for cutting intricate shapes in wood, such as circular or other kind of non-linear shape.

8. C

The function of an alternator is to charge the battery and support the vehicle's electrical systems – such as windshield wipers.

9. C

Typically, most spark plugs require 20,000-25,000 volts to initiate ignition of the gas-air mixture.

Though some vehicles require higher voltage levels - up to 45,000 volts.

10. A

In older vehicles, ignition was created through a distributor which relayed current to the spark plug.

Any excess current is absorbed into a condenser.

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