

## Automotive Practice Quiz PDF Basics Tools Ans Wiring

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**What does OBD-II stand for in automotive diagnostics?**

- On-Board Development
- On-Board Diagnostics
- Overhead Brake Diagnostics
- Overhead Battery Development

**How does the transmission system contribute to the overall performance of a vehicle?**

**What does a wiring diagram primarily illustrate?**

- Mechanical components
- Electrical connections
- Fluid dynamics
- Vehicle aerodynamics

**What are the basic concepts of automotive wiring? (Select all that apply)**

- Voltage
- Resistance
- Torque
- Current

**Which tool is used to measure electrical current in a circuit?**

- Voltmeter
- Ammeter
- Ohmmeter
- Tacometer

**What is the main purpose of a vehicle's brake system?**

- Increase speed
- Reduce noise
- Stop or slow down the vehicle
- Improve fuel efficiency

**Which component is responsible for starting the engine?**

- Alternator
- Starter Motor
- Carburetor
- Radiator

**What are common wiring issues in automotive systems? (Select all that apply)**

- Open circuits
- Overheating
- Short circuits
- Misalignment

**What are the key differences between hand tools and power tools in automotive repair?**

**Describe the process of diagnosing a short circuit in an automotive wiring system.**

**Why is it important to follow safety procedures when working with automotive electrical systems?**

**What is the primary function of the vehicle's transmission?**

- Generate electrical power
- Control vehicle speed
- Transfer engine power to the wheels
- Cool the engine

**Which of the following are important safety procedures when working with automotive wiring? (Select all that apply)**

- Disconnect the battery
- Wear insulated gloves
- Use metal tools
- Work in a dry area

**Which of the following are common hand tools used in automotive repair? (Select all that apply)**

- Screwdriver
- Impact Wrench
- Pliers
- Multimeter

**Which systems are typically included in basic vehicle systems? (Select all that apply)**

- Engine
- Transmission
- HVAC
- Entertainment

**Which of the following is a common symptom of a short circuit in automotive wiring?**

- Engine overheating
- Battery draining quickly
- Low tire pressure
- Transmission slipping

**Explain the role of the alternator in a vehicle's electrical system.**

**What tool is primarily used to tighten or loosen bolts and nuts?**

- Hammer
- Wrench
- Saw
- Pliers

**Discuss the importance of reading and interpreting wiring diagrams in automotive repair.**

**Which tools are considered diagnostic tools in automotive repair? (Select all that apply)**

- OBD-II Scanner
- Hammer
- Multimeter
- Torque Wrench