

## #15-1 Fuel Efficient Driving & Safety Technology

1. **Vehicles use the greatest amount of fuel when:**
  - A. Accelerating.
  - B. Braking.
  - C. Idling.
  - D. Turning.
2. **Which of the following technology requires the driver to maintain constant control of the vehicle.**
  - A. Forward collision avoidance.
  - B. Automatic emergency braking.
  - C. Lane keeping assist.
  - D. All of the above.
3. **The recommended tire air pressure can typically be found:**
  - A. In the owner's manual.
  - B. On a placard typically located in the driver doorjamb.
  - C. On the side of the tire.
  - D. Both A & B.
4. **To be safe to use, your vehicle's tires should have a minimum tread depth of:**
  - A. 2/32 of an inch.
  - B. 4/32 of an inch.
  - C. 1/4 of an inch.
  - D. The thickness of a quarter.
5. **Lane departure warning systems are designed to:**
  - A. Steer vehicle back into its lane.
  - B. Warn the driver when there is a vehicle in their blind spot.
  - C. Warn the driver when the vehicle drifts into the next lane.
  - D. Maintain traction on the road by applying the brakes to individual wheels
6. **Engine oil should be changed:**
  - A. Every 3,000 miles.
  - B. Every 5,000 miles.
  - C. Every 7,500 miles.
  - D. According to your owner's manual.
7. **Before driving any vehicle equipped with safety technology, the driver should:**
  - A. Understand the purpose and function of each technology.
  - B. Ignore the limitations of each technology.
  - C. Read the vehicle's owner's manual.
  - D. A and C only.
8. **When purchasing tires, you should consider:**
  - A. Tire quality.
  - B. Tread life.
  - C. Traction ratio.
  - D. All of the above.
9. **Adaptive cruise control is designed to:**
  - A. Perform emergency steering to avoid a collision.
  - B. Warn the driver when there is a vehicle in their blind spot.
  - C. Maintain traction on the road by applying the brakes to individual wheels.
  - D. Helps to keep your vehicle a safe distance from the vehicle in front of you while driving.
10. **A potential benefit of self-driving vehicles include:**
  - A. Increased fuel use.
  - B. Improved traffic flow.
  - C. Reduced mobility.
  - D. Increased pollution.
11. **Vehicles with advanced safety technology means the driver needs to:**
  - A. Pay less attention
  - B. Pay more attention
  - C. Pay the same attention
  - D. None of the above
12. **Short answer: How do you feel about the possibility of "self-driving" cars?**