

Name: _____ Date: _____

1. How often should the cabin air filter typically be replaced?
 - A. Every 12,000 miles (19,000 km)
 - B. Every 5,000 miles (8,000 km)
 - C. After every 30,000 miles (50,000 km)
 - D. When the vehicle breaks down

2. Brake fluid is used to transmit the force from:
 - A. The engine to the wheels
 - B. The accelerator to the engine
 - C. The driver's foot on the accelerator to the engine
 - D. The driver's foot on the brake pedal to each individual wheel brake

3. DOT 5 brake fluid is distinctively what color?
 - A. Amber
 - B. Purple (violet)
 - C. Clear
 - D. Brown

4. How can brake fluid condition be checked quickly?
 - A. By tasting it
 - B. Using a thermometer
 - C. By the sound it makes
 - D. Using test strips

5. Under what conditions are most vehicles driven, considering factors from the provided text?
 - A. Normal conditions
 - B. Moderate conditions
 - C. Severe conditions
 - D. Ideal conditions

6. When checking the power steering fluid, the technician should ensure that:
 - A. The engine is running
 - B. The fluid is hot
 - C. The engine is off
 - D. The vehicle is moving

7. What should be done if the power steering fluid level is too high?
 - A. Pour water to dilute it
 - B. Ignore it until the next service
 - C. Use a fluid siphon pump or a "turkey baster" to remove the excess fluid
 - D. Drive the car at high speed to even out the fluid

8. For how long is it generally recommended to replace all belts, including the serpentine belts?

- A. Every 1-2 years
- B. Every 4-7 years
- C. Every 10 years
- D. Belts don't need replacement

9. How much can air pressure inside a tire typically increase after the vehicle has been driven several miles?

- A. 1 to 2 PSI
- B. 2 to 3 PSI
- C. 3 to 4 PSI
- D. 4 to 6 PSI

10. Which organization specifies the consistency of grease using a penetration test?

- A. National Vehicle Maintenance Institute (NVMI)
- B. International Car Care Association (ICCA)
- C. National Lubricating Grease Institute (NLGI)
- D. American Society for Testing Materials (ASTM)

Automotive Technology 7th Edition

Chapter 14

Multiple Choice Quiz B

Answer Key

1. A

2. D

3. B

4. D

5. C

6. C

7. C

8. B

9. D

10. D