

Automatic Transmissions and Transaxles 8<sup>th</sup> Edition

Chapter 15

Multiple Choice Quiz A

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. What is the first step in diagnosing automatic transmission concerns?
  - A. Check the fluid level and condition
  - B. Perform a road test to verify the customer complaint
  - C. Check for stored diagnostic trouble codes (DTCs)
  - D. Visual inspection of driveshafts and U-joints
  
2. What does a high CVI reading on a scan tool usually indicate?
  - A. A worn clutch pack
  - B. A defective one-way clutch
  - C. Low ATF level
  - D. Incorrect gear ratio detected
  
3. When diagnosing shift quality and timing problems, which throttle position is defined as the throttle being about one-fourth open?
  - A. Medium
  - B. Light
  - C. Heavy
  - D. Minimum
  
4. Which DTC indicates a problem with the Transmission Fluid Temperature Sensor?
  - A. P0710
  - B. P0720
  - C. P0730
  - D. P0740
  
5. In automatic transmission diagnostics, what does the term "Flare" refer to?
  - A. A rapid increase in engine speed, usually caused by slippage
  - B. A sudden, harsh application of a clutch or band
  - C. A noticeable loss of power transfer
  - D. A repeated up-and-then-down shifting sequence
  
6. What is indicated by a transmission fluid that appears pink?
  - A. It is a synthetic ATF
  - B. The fluid has been aerated (filled with air)
  - C. Indicates a coolant leak at the heat exchanger in the radiator
  - D. The fluid has been oxidized
  
7. Which of the following is a symptom of an underfilled automatic transmission or transaxle?
  - A. Mushy operation
  - B. Goes into neutral
  - C. Slipping
  - D. All of the above

8. What does the term "Chuggle" describe in transmission condition diagnosis?

- A. A bucking or jerking condition
- B. A very noticeable drag that causes the engine to slow down
- C. A shift feel that becomes noticeably firmer as it is completed
- D. A rapid increase in engine speed

9. What does the DTC P0736 indicate?

- A. Gear 1 incorrect ratio
- B. Gear 5 incorrect ratio
- C. Reverse incorrect ratio
- D. Torque converter clutch system problem

10. During a vibration check, what indicates a torque converter problem?

- A. Engine-speed-related vibrations
- B. Vehicle-speed-related vibrations
- C. Belt-driven accessory problems
- D. Internal engine unbalance

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Answer Key

1. B

2. A

3. B

4. A

5. A

6. C

7. D

8. A

9. C

10. A