

Automatic Transmissions and Transaxles 8th Edition

Chapter 15

Multiple Choice Quiz B

Name: _____ Date: _____

1. What does the term "Binding" in transmission diagnostics refer to?
 - A. A rapid increase in engine speed
 - B. A very noticeable drag causing the engine to slow down
 - C. A repeated up-and-down shifting sequence
 - D. A slow shift that is barely noticeable

2. In the context of transmission condition diagnosis, what is the first step in diagnosing automatic transmission concerns?
 - A. Checking the fluid level and condition
 - B. Verifying the customer complaint
 - C. Checking for stored diagnostic trouble codes (DTCs)
 - D. Visual inspections

3. Which Diagnostic Trouble Code (DTC) indicates a "Torque Converter Clutch System Performance or Stuck Off"?
 - A. P0741
 - B. P0751
 - C. P0761
 - D. P0771

4. During a hydraulic system pressure test on an automatic transmission, what indicates a problem such as low fluid pressure or no upshift?
 - A. High pressure in the throttle valve
 - B. Low pressure in the cooler circuit
 - C. Abnormal readings on the pressure gauge
 - D. Constant pressure in all gear ranges

5. What is indicated by a transmission noise that increases in intensity or frequency with vehicle speed?
 - A. Torque converter problems
 - B. Engine-speed-related vibrations
 - C. A final drive problem
 - D. Output shaft vibration problems

6. What does a "Flare" in transmission diagnostics typically indicate?
 - A. A sudden, harsh application of a clutch or band
 - B. A rapid increase in engine speed due to slippage
 - C. A noticeable loss of power transfer
 - D. A bucking or jerking condition

7. Which step in the transmission diagnostic process involves checking scan tool data and adaptive values?
 - A. Step 1
 - B. Step 3
 - C. Step 5
 - D. Step 6

8. What does the term "Stacked Shifts" refer to in transmission diagnostics?

- A. A shift feel that becomes firmer as it is completed
- B. An upshift that occurs immediately after a prior upshift
- C. A repeated up-and-down shifting sequence
- D. A very slow shift that is barely noticeable

9. In the context of transmission diagnostics, what does the term "Hunting" describe?

- A. A shift that occurs before normally expected
- B. A more severe form of chuggle
- C. A repeated up-and-then-down shifting sequence
- D. An unexpected shift to neutral or a lower gear

10. What is typically checked first when diagnosing a problem in the electronic system of a transmission?

- A. The TCM ground terminal
- B. +B voltage at the battery and TCM
- C. The condition of the case connector
- D. The signal generator for ISS and OSS signals

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Answer Key

1. B

2. B

3. A

4. C

5. C

6. B

7. C

8. B

9. C

10. B