

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

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

1. How is a variable ratio achieved in a CVT?
  - A. By using multiple gears
  - B. By using a steel belt with two variable-width pulleys
  - C. By using a start clutch assembly
  - D. By using a variable-torque converter
  
2. What is the advantage of a CVT compared to a regular six-speed transmission?
  - A. More gear ratios
  - B. Higher torque output
  - C. Compact and lighter weight
  - D. More durable construction
  
3. What controls the movement of the variator in a CVT?
  - A. Hydraulic pressure
  - B. Electronic signals
  - C. Mechanical linkage
  - D. Manual adjustment
  
4. What is a disadvantage of a dual-clutch automatic transmission?
  - A. Higher fuel consumption
  - B. Slower gear changes
  - C. More complex construction
  - D. Less reliable than manual transmissions
  
5. What sensors are used in a typical dual-clutch automatic transaxle?
  - A. Input speed sensor
  - B. Output speed sensor
  - C. Transmission range sensor
  - D. All of the above
  
6. What is a common effect experienced with CVTs under certain conditions?
  - A. Gear hunting
  - B. Rubber band effect
  - C. Torque steer
  - D. Overheating
  
7. What is the function of the secondary pressure sensor (SPS) in a CVT?
  - A. To measure the belt tension
  - B. To control the clutch engagement
  - C. To monitor the hydraulic pressure
  - D. To regulate the variator position

8. Which of the following is a feature of a dual-clutch transmission?

- A. Torque interruption during shifts
- B. Use of a torque converter
- C. Shifts without interrupting engine torque
- D. Single clutch operation

9. What does the diagnostic trouble code P0730 indicate?

- A. Incorrect gear ratio detected
- B. Transmission temperature sensor fault
- C. Line pressure sensor performance issue
- D. Engine speed excessive

10. What is the purpose of using a factory or factory-level aftermarket scan tool in diagnosing dual-clutch transmission systems?

- A. To adjust the gear ratios
- B. To perform a relearn procedure
- C. To retrieve diagnostic trouble codes
- D. To change the transmission fluid

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Chapter 129

Multiple Choice Quiz B

Answer Key

1. B

2. C

3. A

4. C

5. D

6. B

7. C

8. C

9. A

10. C