

Manual Drivetrains and Axles 9th Edition  
Chapter 10  
Multiple Choice Quiz B

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

1. What is the main function of the driveshaft in a rear-wheel-drive vehicle?
  - A. To provide gear reduction
  - B. To balance the wheels
  - C. To rotate faster than the engine
  - D. To transmit engine power to the drive wheels
  
2. What is a common symptom of defective U-joints?
  - A. Vibration or harshness at highway speed
  - B. Harshness at low speeds
  - C. Increased fuel efficiency
  - D. Decreased engine power
  
3. What can cause vibrations related to the driveshaft?
  - A. Undercoating, grease, or dirt buildup on the driveshaft
  - B. Over-lubrication of U-joints
  - C. Tightening of the pinch bolt
  - D. Excessive use of synthetic retainers
  
4. When diagnosing a driveline clunk, what indicates excessive backlash in the differential?
  - A. Movement of the tire less than 1 inch
  - B. Movement of the tire more than 1 inch
  - C. No movement of the tire
  - D. Unusual noise from the differential
  
5. What is the impact of a defective engine mount on a front-wheel-drive vehicle?
  - A. Decreases CV joint angles
  - B. Reduces driveline clunk
  - C. Causes vibration and pulling during acceleration
  - D. Improves fuel efficiency
  
6. What is the typical procedure in Europe and Japan for a CV joint failure?
  - A. Lubrication of the CV joint
  - B. Replacing the CV boot only
  - C. Refurbishing the defective unit
  - D. Replacement of the entire drive assembly
  
7. What is the result of a collapsed rear transmission mount?
  - A. Improved driveshaft angles
  - B. Driveline vibration
  - C. Increased driveline clunk
  - D. Decreased transmission fluid leakage

8. What type of noise does a worn outer CV joint typically produce when turning sharply?

- A. Clicking
- B. Squeaking
- C. Grinding
- D. Rumbling

9. What is often the cause of a driveline clunk when shifting between drive and reverse?

- A. Inadequate lubrication
- B. Loose CV joints
- C. Worn pin bushings
- D. Excessive clearance in the differential

10. What is the recommended action if undercoating, grease, or dirt is found on the driveshaft?

- A. Replace the driveshaft
- B. Remove using a suitable solvent
- C. Apply more lubrication
- D. Ignore, as it does not affect performance

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Answer Key

1. D

2. A

3. A

4. B

5. C

6. D

7. B

8. A

9. D

10. B