

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

1. Which type of joint is typically used on the outer side of front-wheel-drive vehicles?
  - A. Fixed type
  - B. Plunge type
  - C. Double Cardan
  - D. Rzeppa joint
  
2. What is the proper grease to use with a CV joint?
  - A. Black chassis grease
  - B. Dark blue EP grease
  - C. Red moly grease
  - D. The grease that is supplied with the boot kit
  
3. What is the name most often used to describe the universal joints on a conventional rear-wheel-drive vehicle driveshaft?
  - A. Trunnion
  - B. Cardan
  - C. CV
  - D. Spider
  
4. A rear-wheel-drive vehicle vibrates when first accelerating from a stop. The vibration is less noticeable at higher speeds. The most likely cause is:
  - A. Driveshaft unbalance
  - B. Excessive U-joint working angles
  - C. Unequal U-joint working angles
  - D. Brinelling of the U-joint
  
5. The maximum difference between the front and rear working angle of a driveshaft is:
  - A. 1/4 degree
  - B. 1/2 degree
  - C. 1 degree
  - D. 3 degrees
  
6. What is the critical function of a driveshaft?
  - A. To transmit engine torque to the drive wheels
  - B. To balance the vehicle's wheels
  - C. To absorb shocks from the road
  - D. To align the wheels
  
7. What is the consequence of a dented driveshaft?
  - A. It should be repaired immediately
  - B. It should be replaced
  - C. It can be ignored if the vehicle is not vibrating
  - D. It only affects the aesthetic of the vehicle

8. What is the purpose of the weight found on some drive axle shafts?

- A. To balance the shaft
- B. To increase the shaft's weight
- C. To add aesthetic appeal
- D. To increase the shaft's strength

9. What is the effect of unequal drive axle shaft angles to the front drive wheels?

- A. Increased fuel efficiency
- B. Decreased acceleration
- C. Torque steer
- D. Improved handling

10. What is the name given to the joints that allow for the wheels and the rear axle to move up and down while still transferring torque?

- A. Plunge joints
- B. CV joints
- C. Universal joints
- D. Plunge joints

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Chapter 123

Multiple Choice Quiz B

Answer Key

1. A

2. D

3. B

4. C

5. B

6. A

7. B

8. A

9. C

10. C