

Name _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) The maximum allowable difference between the front and rear working angle of a drive shaft is 1) _____
_____.
A) 1/4 deg
B) 1/2 deg
C) 1 deg
D) 3 deg
- 2) Technician A says that two U-joints are used on a driveshaft to prevent vibration. Technician B says that the more equal the U-joint angles, the less chance of driveshaft vibration. Which technician is correct? 2) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 3) Technician A says only 4WD rear driveshafts are balanced. Technician B says all RWD driveshafts are balanced. Which technician is correct? 3) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 4) Two technicians are discussing a dented driveshaft. Technician A says that it should be repaired. Technician B says it should be replaced. Which technician is correct? 4) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 5) Drive axle shafts are also called _____. 5) _____
A) Double-Cardan shafts
B) Half shafts
C) Driveshafts
D) Propeller shafts
- 6) Which series U-joint has the greatest torque capacity? 6) _____
A) 1260
B) 1310
C) 1350
D) 1480

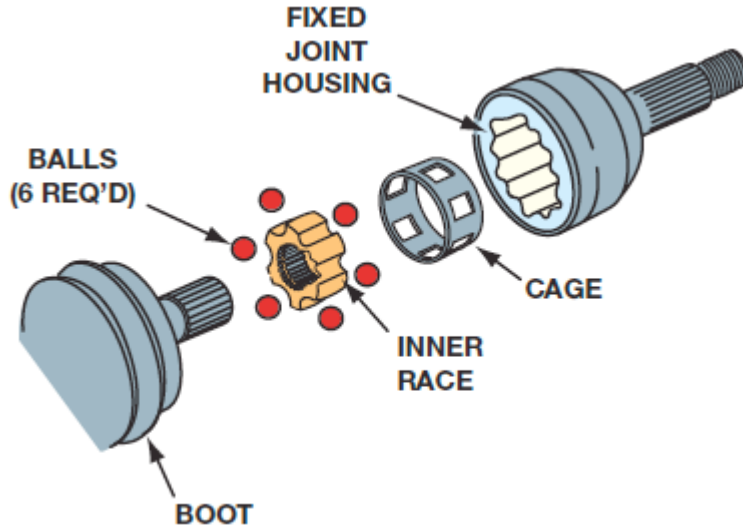
7) Two technicians are discussing torque steer on a front wheel-drive vehicle. Technician A says that equal length drive axle shafts help reduce torque steer. Technician B says that equal drive axle shaft angles help reduce torque steer. Which technician is correct?

7) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician

8) This type of drive axle joint is called a(an) _____.

8) _____



- A) Rzeppa joint
- B) U-joint
- C) Ball joint
- D) Plunge joint

9) Technician A says that carbon fiber driveshafts need support bearings every 24 inches. Technician B says that carbon fiber and aluminum driveshafts reduce rotating mass and are more efficient than steel driveshafts. Which technician is correct?

9) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician

10) Double Cardan joints can function at a maximum angle of _____.

10) _____

- A) 10 degrees
- B) 2 degrees
- C) 0 degrees
- D) None of these are correct

Answer Key

Testname: MDA8_9B

1) B

Page Ref: 166

2) C

Page Ref: 165

3) B

Page Ref: 165

4) B

Page Ref: 163

5) B

Page Ref: 169

6) D

Page Ref: 167

7) C

Page Ref: 169

8) A

Page Ref: 168

9) B

Page Ref: 164

10) D

Page Ref: 167