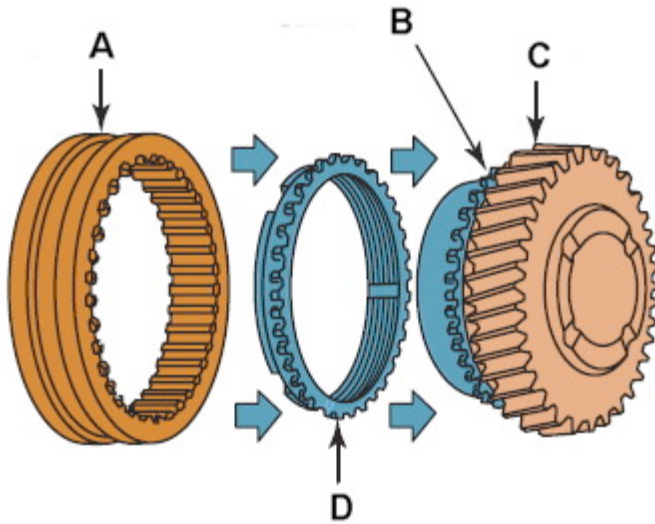


Name _____

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

1) Which of these is the synchronizer ring?

1) _____



- A) A
- B) B
- C) C
- D) D

2) What is the purpose of a differential?

2) _____

- A) To change the direction of engine torque
- B) To allow the drive wheels to rotate at different speeds
- C) Both A and B
- D) Neither A nor B

3) A range shift is occurs when the high or low speed ratio of the transfer case is selected.

3) _____

- A) True
- B) False

4) FWD drive axle shafts are also called _____.

4) _____

- A) Double-Cardan shafts
- B) Half shafts
- C) Driveshafts
- D) Propeller shafts

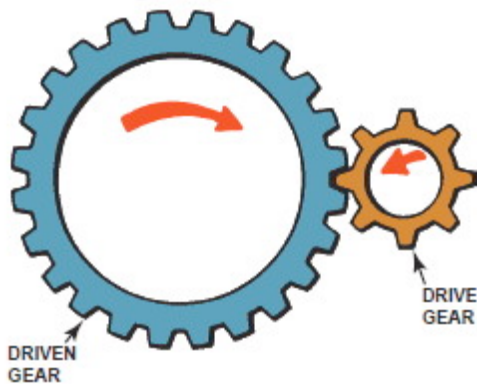
5) What type of lubricant is used in transfer cases?

5) _____

- A) Automatic transmission fluid or a special fluid
- B) Wheel bearing grease
- C) SAE 80W-90 gear lube
- D) Any of the above

- 6) Two technicians are discussing the purpose of a transfer case in a four-wheel-drive system. Technician A says it transfers power to an additional axle. Technician B says some transfer cases have two speeds. Which technician is correct? 6) _____
- Technician A says it transfers power to an additional axle. Technician B says some transfer cases have two speeds. Which technician is correct?
- A) Technician A only
 - B) Technician B only
 - C) Both Technicians A and B
 - D) Neither Technicians A nor B

- 7) What is the gear ratio of this gear set? 7) _____



- A) 2 to 1
- B) 3 to 1
- C) .33 to 1
- D) None of these

- 8) Which component allow the rear wheels to turn at different speeds while propelling the vehicle? 8) _____
- A) Differential assembly
 - B) Adjustable shims
 - C) Axle bearings
 - D) None of these choices are correct.

- 9) Technician A says the flywheel is attached to the engine crankshaft and rotates at engine speed. Technician B says the pressure plate also rotates at engine speed. Which technician is correct? 9) _____
- A) Technician A only
 - B) Technician B only
 - C) Both Technicians A and B
 - D) Neither Technicians A nor B

- 10) What gears produce the final drive ratio? 10) _____
- A) Ring and pinion gear set
 - B) Spider gears
 - C) Countershaft gears
 - D) None of the above is correct.

Answer Key

Testname: INTRO_38A

1) D

Page Ref: 349

2) C

Page Ref: 350

3) A

Page Ref: 352

4) B

Page Ref: 350

5) A

Page Ref: 353

6) C

Page Ref: 352

7) B

Page Ref: 347

8) A

Page Ref: 350

9) C

Page Ref: 343

10) A

Page Ref: 351