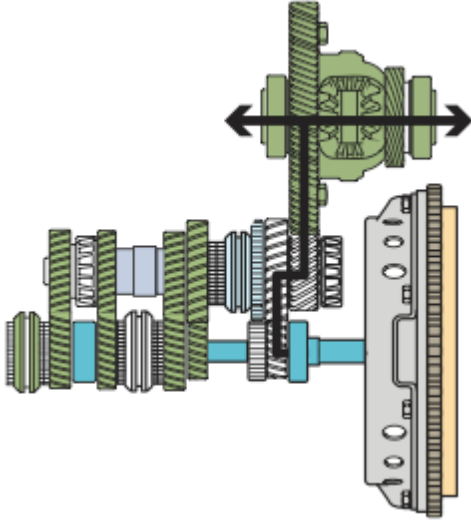


Name _____

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

1) In this diagram, what gear is engaged?

1) _____



- A) First gear
- B) Second gear
- C) Reverse gear
- D) Fifth gear

2) Technician A says that first gear uses the smallest driving gear and the largest driven gear. Technician B says that fourth gear uses the smaller driving gear and the largest driven gear. Which technician is correct?

2) _____

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

3) In a transaxle, the synchronizer assemblies are mounted on the _____.

3) _____

- A) Input shaft
- B) Main shaft
- C) Both A and B
- D) Neither A nor B

4) What is the purpose of component "A"?

4) _____



- A) Seal oil leaks
- B) Adjust bearing pre-load
- C) Repair a cracked case
- D) Allow reuse of the old bearing

5) The main shaft is also called the _____.

5) _____

- A) Counter shaft
- B) Intermediate shaft
- C) Clutch shaft
- D) Either A or B

6) The inboard CV joints on the driveshaft are splined to the _____.

6) _____

- A) Differential pinion gears
- B) Differential case
- C) Differential side gears
- D) Output shaft

7) The ring gear on the differential is driven by the pinion gear on the _____.

7) _____

- A) Main shaft
- B) Input shaft
- C) Idler shaft
- D) None of these

8) Torque steer can be caused by _____.

8) _____

- A) Unequal CV joint angles
- B) Unequal length of the shafts
- C) The tendency for the longer drive shaft to twist
- D) All of the above

9) How is a transaxle different from a transmission?

9) _____

- A) Only the transaxle uses synchronizers
- B) The transaxle also includes the final drive assembly
- C) Only the transmission uses an input shaft
- D) The transmission uses speed gears while the transaxle uses slow gears

10) Which component of a transaxle is attached to the clutch disc?

10) _____

- A) Differential
- B) Ring gear
- C) Intermediate shaft
- D) Input shaft

Answer Key

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1) A

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2) A

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3) C

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4) B

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5) D

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6) C

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7) A

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8) D

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9) B

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10) D

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