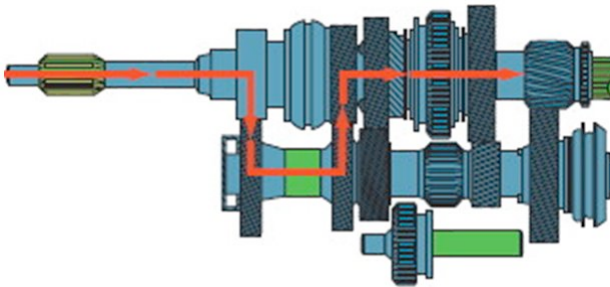


Name _____

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

- 1) Which part of a synchronizer is splined to a shaft? 1) _____
A) Synchronizer sleeve
B) Hub
C) Synchronizer blocker ring
D) Speed gear

- 2) What gear is engaged in this transmission? 2) _____



- A) 1st gear
B) 2nd gear
C) 3rd gear
D) Reverse

- 3) What is the purpose and function of a transmission? 3) _____
A) Allows the engine to accelerate the vehicle
B) Allows engine speed to be reduced at higher speeds to save fuel
C) Allows the vehicle to accelerate up a hill
D) All of the above

- 4) The free rotating gears on the main shaft of a RWD manual transmission are called _____ 4) _____
gears.
A) floating
B) fixed
C) hypoid
D) speed

- 5) A five-speed transmission is in third gear. Which is correct? 5) _____
A) The 1-2 synchronizer is in neutral.
B) The 3-4 synchronizer is moved to engage third gear.
C) Both A and B
D) Neither A nor B

- 6) The detent mechanism inside a transmission is used to _____. 6) _____
A) locate the synchronizer sleeves in the correct position
B) prevent more than one shift fork from moving at one time
C) both A and B
D) neither A nor B
- 7) The type of gears used in a transmission include _____. 7) _____
A) spur gears
B) helical gear
C) external gears
D) all of the above
- 8) The cluster gear is supported by _____. 8) _____
A) bushings
B) roller bearings between the countershaft and the case
C) either A and B
D) neither A nor B
- 9) A rear-wheel drive 5-speed manual transmission is being discussed. What is the gear ratio when the transmission is in 4th gear? 9) _____
A) 1.5 to 1
B) 1 to 1
C) 3 to 1
D) 8 to 1
- 10) A four-speed transmission is making a grinding noise only while shifting into second gear. This could be caused by _____. 10) _____
A) a damaged main drive gear
B) a faulty 1-2 synchronizer sleeve
C) either A or B
D) neither A nor B

Answer Key

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1) B

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2) C

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3) D

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4) D

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5) C

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6) A

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7) D

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8) B

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9) B

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10) B

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