

Name _____

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

- 1) Technician A says that the torque converter impeller is attached to the engine and turns as the engine rotates. Technician B says that the torque converter turbine is attached to the engine and turns as the engine rotates. Which technician is correct? 1) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 2) Two technicians are discussing inspection of the transmission pan. Technician A says that some friction material at the bottom of the pan is normal. Technician B says that if any metal parts stick to a magnet then further investigation is needed to determine the cause. Which technician is correct? 2) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 3) What has to be removed to replace the filter on most automatic transmissions/transaxles? 3) _____
- A) Transmission pan
 - B) Torque converter
 - C) Drive shaft or drive axle
 - D) All of the above
- 4) Automatic transmission fluid leaks can be found using a black light if _____. 4) _____
- A) The fluid is overfilled
 - B) The fluid level is at least a quart low
 - C) Dye is added to the fluid
 - D) A rear wheel drive transmission is being checked
- 5) A planetary gear set includes a _____. 5) _____
- A) Torque converter
 - B) Sun gear
 - C) Clutch
 - D) Band
- 6) Technician A says that ATF is used to cool, clean, and lubricate an automatic transmission. Technician B says that ATF is used to operate the shift valves, and transmit engine torque. Who is correct? 6) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 7) Even the most efficient torque converter has a slippage rate of _____. 7) _____
- A) 0% to 2%
 - B) 3% to 6%
 - C) 10% to 15%
 - D) 8% to 12%
- 8) Torque converters use a stator as a _____. 8) _____
- A) Drive member
 - B) Reaction member
 - C) Driven member
 - D) Pump regulator
- 9) The torque converter clutch increases efficiency by _____. 9) _____
- A) Allowing quicker starts in first gear
 - B) Eliminating converter slippage
 - C) Disconnecting the torque converter from the engine at a stop
 - D) None of these
- 10) A typical automatic transmission includes _____. 10) _____
- A) Planetary gear sets
 - B) Clutches or bands
 - C) Torque converter
 - D) All of the above

Answer Key

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1) A

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2) C

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3) A

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4) C

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5) B

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6) C

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7) D

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8) B

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9) B

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10) D

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