

Name _____

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

- 1) An electronically shifted automatic transmission operates okay in reverse, but the vehicle does not shift at all when moving forward. Technician A says that a defective torque converter is the likely cause. Technician B says that a defective shift solenoid could be the cause. Which technician is correct? 1) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 2) Technician A says that the PCM should be checked for any stored diagnostic trouble codes when diagnosing a transmission fault. Technician B says that technical service bulletins (TSBs) should be checked whenever there is a transmission-related customer concern. Which technician is correct? 2) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 3) A transmission fluid leak can be caused by an overfilled transmission. 3) _____
- A) True
 - B) False
- 4) Technician A says that a stall speed of more than 200 rpm above specification indicates the torque converter stator one-way clutch is not holding. Technician B says that a stall speed that is 250 to 350 rpm below specification indicates possible clutch or band slippage. Which technician is correct? 4) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 5) 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? 5) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 6) An electronically shifted overdrive automatic transmission is equipped with a transmission fluid temperature sensor. Technician A says that the shifts may be changed if the fluid temperature is too high. Technician B says that overdrive may be disabled if the transmission fluid temperature is too high. Which technician is correct? 6) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 7) Fluid exchange can be performed using _____. 7) _____
- A) drain and refill three times
 - B) a machine that replaces the ATF through the cooler lines
 - C) a machine that forces the old fluid out, using a pump inside the machine that is attached to the fluid inlet after removing the transmission pan and filter
 - D) any of the above
- 8) Some transmissions do not have a dipstick to check the fluid level. 8) _____
- A) True
 - B) False
- 9) A scan tool can be used to _____. 9) _____
- A) check for stored diagnostic trouble codes
 - B) command a shift
 - C) check for transmission-related sensor information
 - D) all of the above
- 10) Which of the following is NOT part of a stall test procedure? 10) _____
- A) Run the engine at 2000 rpm for 2 minutes then turn OFF the key.
 - B) Place the gear selector in gear and depress the accelerator making sure that the parking and service brakes are firmly applied.
 - C) Shift the transmission into neutral and run the engine at 1000 rpm for at least 60-seconds following a stall test.
 - D) Connect a tachometer and block the drive wheels.