

Name \_\_\_\_\_

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

- 1) Technician A says that the governor is used to measure vehicle speed in a hydraulically-controlled automatic transmission. Technician B says that the difference between hydraulically controlled and electronically controlled automatic transmissions is the way that the shift points are controlled. 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 transmission hydraulic pump operates only when the vehicle is in motion. Technician B says that the transmission hydraulic pump operates when the engine is running. Which technician is correct? 2) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
  
- 3) Technician A says most transmission hydraulic valves are spool valves. Technician B says the recessed areas of a spool valve are called grooves. Which technician is correct? 3) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
  
- 4) Which valve is controlled by the position of the gearshift selector? 4) \_\_\_\_\_
  - A) Manual
  - B) Pressure control
  - C) Detent
  - D) None of these are correct.
  
- 5) Which of these is the most current version of GM's Dexron ATF? 5) \_\_\_\_\_
  - A) Dexron VI
  - B) Dexron III
  - C) Dexron V
  - D) Dexron VII
  
- 6) What part controls mainline pressure in an electronically shifted automatic transmission? 6) \_\_\_\_\_
  - A) Pressure control solenoid (force motor)
  - B) Spool valve
  - C) Boost valve
  - D) Modulator valve

- 7) Force motors are controlled by the computer by \_\_\_\_\_. 7) \_\_\_\_\_  
A) increasing/ decreasing current  
B) PWM  
C) increasing/ decreasing voltage  
D) changing the resistance in the circuit
- 8) Technician A says the default or limp-in gear is usually second or third gear. Technician B says that a transmission clutch, band, and solenoid chart shows the technician what is being applied in each gear. Which technician is correct? 8) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician
- 9) Technician A says that the mainline pressure is usually higher in manual first gear than it is when the gear selector is in the drive position. Technician B says that mainline pressure is higher in reverse than when the gear selector is in the drive position. Which technician is correct? 9) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician
- 10) Technician A says ATF is used to cool, clean, and lubricate an automatic transmission. Technician B says ATF is used to operate the shift valves, and transmit engine torque. Who is correct? 10) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician

## Answer Key

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1) C

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2) B

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3) C

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4) A

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5) A

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6) A

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7) B

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8) C

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9) C

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10) C

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