

Name \_\_\_\_\_

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

- 1) Technician A says electronic transmissions control shifts by directing the shift solenoid output pressure to the bands and clutches. Technician B says electronic transmissions control shifts by directing the shift solenoid output pressure to the shift valves. Who is correct? 1) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 2) What part controls mainline pressure in an electronically shifted automatic transmission? 2) \_\_\_\_\_
  - A) Pressure control solenoid (force motor)
  - B) Spool valve
  - C) Boost valve
  - D) Modulator valve
- 3) The major types of oil pumps used in an automatic transmission are \_\_\_\_\_. 3) \_\_\_\_\_
  - A) gear, vane, and gerotor
  - B) gear, crescent, and vane.
  - C) gear, crescent, and rotor.
  - D) gear, pressure, and rotor
- 4) A TFT sensor measures \_\_\_\_\_. 4) \_\_\_\_\_
  - A) RPM
  - B) fluid temperature
  - C) shift position
  - D) vehicle speed
- 5) 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? 5) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 6) 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? 6) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician

- 7) 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? 7) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 8) Technician A says that shift solenoids are used on some transmissions to control upshifts and downshifts. Technician B says that governor pressure is used on some transmissions to control upshifts and downshifts. Who is correct? 8) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 9) Two technicians are discussing automatic transmission/transaxle oil pumps. Technician A says that a vane-type pump is a positive displacement pump. Technician B says that the pump is driven by the torque converter. Which technician is correct? 9) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 10) Technician A says that hydraulic pressure affects transmission shift points. Technician B says that hydraulic pressure affects the feel of transmission shifts. Which technician is correct? 10) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician

## Answer Key

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- 1) B  
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- 2) A  
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- 3) A  
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- 4) B  
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- 5) C  
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- 6) C  
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- 7) C  
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- 8) C  
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- 9) C  
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- 10) C  
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