

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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