

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