

Name _____

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

- 1) A pressure control solenoid controls fluid pressure by using a _____. 1) _____
 - A) Fixed frequency
 - B) Variable frequency
 - C) Variable current flow
 - D) Fixed voltage

- 2) Technician A says that a slide-bump shift can be caused by a defective throttle valve (TV). Technician B says that this type of shift can be caused by the accumulator piston bottoms out before the shift is complete. Which technician is correct? 2) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 3) The pressure control solenoid is under the direct control of _____. 3) _____
 - A) The TCM
 - B) Engine vacuum
 - C) The throttle cable
 - D) The transmission speed sensor

- 4) Technician A said that pulse width modulated solenoids have a lower electrical resistance than a simple on-off- type solenoid. Technician B says that linear solenoids are pulse-width modulated. Which technician is correct? 4) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 5) On a hydraulically-controlled automatic transmission, what is used to measure vehicle speed? 5) _____
 - A) Governor
 - B) Throttle valve (TV)
 - C) Shift valve
 - D) Pulse-width modulated solenoid

- 6) In a non-electronic transmission the shift valve is moved to the downshift position by _____. 6) _____
 - A) Air pressure
 - B) A spring
 - C) Vacuum
 - D) Fluid pressure

- 7) The pressure control solenoid provides _____ fluid pressure with low amperage current flow. 7) _____
- A) Lower
 - B) Higher
 - C) Even
 - D) Restricted
- 8) Pulse-width modulated solenoids usually have _____. 8) _____
- A) Low resistance
 - B) High resistance
 - C) Can have high or low resistance depending on application
 - D) High resistance if normally open
- 9) An orifice in a hydraulic circuit may be used to _____ the fluid flow. 9) _____
- A) Increase
 - B) Stop
 - C) Dampen
 - D) Filter
- 10) Technician A says that an upshift occurs when increasing governor pressure causes the shift valve to move. Technician B says that governor pressure is controlled by engine speed. 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) A

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2) B

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3) A

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4) C

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5) A

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6) B

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7) B

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8) A

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9) C

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10) A

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