

Name \_\_\_\_\_

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

- 1) The biggest "enemies" of a valve body include \_\_\_\_\_. 1) \_\_\_\_\_
  - A) City and highway driving
  - B) Cold ATF
  - C) Dirt and overheated fluid
  - D) Magnetism
  
- 2) The free fall test is a standard check for \_\_\_\_\_. 2) \_\_\_\_\_
  - A) Check balls
  - B) Shift valves
  - C) Accumulators
  - D) Shift solenoids
  
- 3) A common repair procedure for the PWM pressure regulator solenoid is to \_\_\_\_\_ the solenoid. 3) \_\_\_\_\_
  - A) Bead blast
  - B) Replace
  - C) Shim
  - D) De-magnetize
  
- 4) A shift solenoid needs to be checked for which of these? 4) \_\_\_\_\_
  - A) Correct resistance value
  - B) Electrical operation using jumper wires
  - C) Mechanical operation of the valve opening/closing
  - D) All of these
  
- 5) How many shift valves does a 4 speed transaxle valve body contain? 5) \_\_\_\_\_
  - A) 1
  - B) 2
  - C) 3
  - D) 4
  
- 6) Technician A says that if a check ball is magnetized, it may not work as designed. Technician B says that a solenoid is magnetic and can attract metal particles that can affect its operation. Which technician is correct? 6) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
  
- 7) What can cause valves in a valve body to stick? 7) \_\_\_\_\_
  - A) Overheated ATF can cause varnish to form
  - B) Dirt can cause sticking valves
  - C) Solenoids are magnetic and they can attract iron and steel particles
  - D) Any of the above

- 8) When installing the valve body to the transmission always use a \_\_\_\_\_ when tightening the bolts. 8) \_\_\_\_\_
- A) Small air ratchet
  - B) 1/4 inch drive ratchet
  - C) Torque wrench
  - D) Torque plate
- 9) Two technicians are discussing valve body solenoids. Technician A says that a PWM solenoid can be checked with a 12 volt battery and jumper wires. Technician B says that high current flow could damage the PWM solenoid. Which technician is correct? 9) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 10) Inside the transmission the manual valve is held in position by \_\_\_\_\_. 10) \_\_\_\_\_
- A) The shift cable
  - B) The rooster comb
  - C) A spring loaded solenoid
  - D) None of these

## Answer Key

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1) C

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2) B

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3) B

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4) D

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5) C

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6) C

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7) D

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8) C

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9) B

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10) B

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