

Name \_\_\_\_\_

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

- 1) Pushrod adjustment is checked with a \_\_\_\_\_. 1) \_\_\_\_\_  
A) feeler gauge  
B) variable gauge  
C) either A or B  
D) neither A nor B

- 2) If the engine stops running, what is the most likely to occur if the vehicle is equipped with a Hydro-Boost power brake system? 2) \_\_\_\_\_  
A) Normal braking using the accumulator pressure  
B) Greatly reduced braking distance but a normal feeling brake pedal  
C) A high and hard brake pedal  
D) A low and spongy brake pedal

- 3) What component is the technician holding in this photograph? 3) \_\_\_\_\_



- A) Check valve  
B) Vacuum elbow  
C) Vacuum sensor  
D) Fluid plug
- 4) Which of these could be caused by an improperly adjusted booster pushrod? 4) \_\_\_\_\_  
A) Brakes to overheat  
B) A soft pedal  
C) A low pedal  
D) None of these
- 5) A defective vacuum brake booster will cause a \_\_\_\_\_. 5) \_\_\_\_\_  
A) hard brake pedal  
B) soft (spongy) brake pedal  
C) low brake pedal  
D) slight hiss noise when the brake pedal is depressed

- 6) Technician A says when the brakes are applied in a vacuum booster, the vacuum control valve is closed. Technician B says the vacuum control valve is opened. Which technician is correct? 6) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 7) To provide the driver with a sense of "feel" during braking, vacuum boosters use a \_\_\_\_\_. 7) \_\_\_\_\_
- A) pressure restrictor
  - B) diaphragm spacer
  - C) return spring
  - D) vacuum diverter
- 8) The booster operation test determines if the booster is \_\_\_\_\_. 8) \_\_\_\_\_
- A) receiving adequate vacuum
  - B) creating brake application force
  - C) both A and B
  - D) neither A nor B
- 9) An accumulator, such as that used on hydraulic brake boosters \_\_\_\_\_. 9) \_\_\_\_\_
- A) reduces brake pedal noise
  - B) provides higher force being fed back to the driver's foot
  - C) provides a reserve in the event of a failure
  - D) works against engine vacuum
- 10) A hydraulically operated booster unit stores fluid under pressure by means of a(n) \_\_\_\_\_. 10) \_\_\_\_\_
- A) boost piston
  - B) pressure chamber
  - C) actuator
  - D) accumulator