

Date \_\_\_\_\_ Class \_\_\_\_\_

## BRAKES: CHAPTER 7 TEST

### Diagnosing & Repairing Anti-lock Brakes

#### True or False

Instructions: Read each statement carefully. If the statement is true, write + in the blank to the left of the numbered item. If the statement is false, write 0 in the blank.

- \_\_\_\_\_ 1. ABS prevents the brakes from locking the wheels, regardless of most road conditions.
- \_\_\_\_\_ 2. When ABS takes over, it stops further application of hydraulic brake pressure to all wheels.
- \_\_\_\_\_ 3. A brake light switch is part of an ABS control circuit.
- \_\_\_\_\_ 4. During panic braking on vehicles with one-channel ABS, the front brakes can still lock.
- \_\_\_\_\_ 5. With two-channel ABS, only the wheel that is locking up is modulated.
- \_\_\_\_\_ 6. The mounting of larger-than-stock or smaller-than-stock tires can cause the ABS control module to set a DTC.
- \_\_\_\_\_ 7. A deceleration sensor senses hard cornering during braking.
- \_\_\_\_\_ 8. While operating in four-wheel drive, the anti-lock braking systems on most four-wheel drive vehicles with an ABS will continue to function.
- \_\_\_\_\_ 9. Oversteer is a condition that results when the front tires lose adhesion during cornering.

#### Multiple Choice

Instructions: In the blank provided, write the letter of the answer that best completes the statement or the question.

- \_\_\_\_\_ 10. In hard braking of a vehicle with ABS, if the brake pedal feels to be "kicking" your foot away, you should
  - Ⓐ know that it is an abnormal condition.
  - Ⓑ discontinue applying the brakes.
  - Ⓒ both A and B.
  - Ⓓ neither A nor B.
- \_\_\_\_\_ 11. A wheel-speed sensor
  - Ⓐ consists of a toothed wheel.
  - Ⓑ rotates with a vehicle's wheel.
  - Ⓒ inputs wheel speed to the ABS control module.
  - Ⓓ all of the above.