

Name _____

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

- 1) Air trapped within a replacement hydraulic unit requires the use of _____ to bleed out the air. 1) _____
 - A) A scan tool
 - B) A dead blow hammer
 - C) A vacuum pump
 - D) A pedal depressor

- 2) When observing WSS output with an oscilloscope, most sensors should produce _____. 2) _____
 - A) An AC sine wave that increases in amplitude as wheel speed increases
 - B) An AC sine wave that increases in frequency as wheel speed increases
 - C) Both A and B are correct
 - D) Neither A nor B is correct

- 3) Technician A says that the ABS electrohydraulic unit can be bled using bleeder screws and the manual method. Technician B says that a scan tool is often required to bleed the ABS electrohydraulic unit. Which technician is correct? 3) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 4) Technician A says the test drive is an important diagnostic step to verify customer ABS concerns. Technician B says to repair the conventional brake system before driving if the red brake warning light is on. Which technician is correct? 4) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 5) Technician A says that a noise or vibration may be sensed by the driver when the ABS performs a self test. Technician B says that the ABS fuse may have to be removed to erase some ABS diagnostic codes if a scan tool is not used. Which technician is correct? 5) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 6) A wheel speed sensor is producing lower than expected voltage as the wheel rotates. Which of these is NOT a possible cause? 6) _____
 - A) Debris on the sensor
 - B) Incorrect air gap between the sensor and toothed ring
 - C) Damaged or corroded electrical connector
 - D) All of these are possible causes

- 7) Before replacing a diagnosed faulty EBCM, the technician should do which of these? 7) _____
- A) Charge the vehicle battery
 - B) Check the EBCM power and ground connections
 - C) Replace the wheel speed sensors
 - D) Lock the brake pedal down
- 8) Technician A says interference from a CB radio antenna may disrupt ABS system performance. Technician B says many system problems can be located with a thorough visual inspection. Which technician is correct? 8) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 9) A quick diagnostic test of wheel speed sensors (WSS) on some Bosch ABS systems is to hoist the vehicle and spin each tire individually. If the WSS is working properly _____. 9) _____
- A) The amber ABS warning light should illuminate
 - B) The red brake warning light should illuminate
 - C) Both A and B are correct
 - D) Neither A nor B is correct
- 10) Two technicians are discussing passive-type wheel speed sensors. Technician A says that wheel speed sensors are magnetic. Technician B says that the toothed sensor ring is magnetic. 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) C

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3) C

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4) C

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5) C

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6) D

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7) B

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8) C

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9) A

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10) A

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