

Name _____

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

- 1) Technician A says that metal-type window tinting can affect the navigation system. Technician B says that most navigation systems require a monthly payment for use of the GPS satellite. Who is right? 1) _____
A) A only
B) B only
C) Both A and B
D) Neither A nor B
- 2) The light indicating a problem with the ABS system is colored _____. 2) _____
A) Amber
B) Red
C) Green
D) None of these
- 3) Technician A says that LCDs may be slow to work at low temperatures. Technician B says that the LCD dash display can be damaged if pressure is exerted on the front of the display during cleaning. Who is right? 3) _____
A) A only
B) B only
C) Both A and B
D) Neither A nor B
- 4) How does changing tire diameter affect the speedometer reading? 4) _____
A) A larger diameter tire causes the speedometer to read faster than the actual speed and more than the actual mileage on the odometer
B) A smaller diameter tire causes the speedometer to read slower than the actual speed and less than the actual mileage on the odometer
C) A smaller diameter tire causes the speedometer to read faster than actual speed and more than actual mileage on the odometer
D) A larger diameter tire causes the speedometer to read slower than the actual speed and more than the actual mileage on the odometer
- 5) Most vehicles today use a _____ for an input to the engine temperature display. 5) _____
A) ECT sensor
B) Coolant temperature sending unit
C) Coolant range sensor
D) None of these
- 6) The sending unit in a typical fuel gauge uses which of these devices? 6) _____
A) Float
B) Fixed resistor
C) Zener diode
D) Diaphragm

- 7) Technician A says that most digital and analog (needle-type) dash gauges use variable resistance sensors. Technician B says that permanent-magnet (PM) generators produce an AC signal and are used for vehicle speed and wheel speed sensors. Who is right? 7) _____
- A) A only
 - B) B only
 - C) Both A and B
 - D) Neither A nor B
- 8) Which of these electronic display devices uses a fluid and polarized glass to create numbers and characters? 8) _____
- A) LCD (Liquid Crystal Display)
 - B) LED (Light Emitting Diode)
 - C) VFD (Vacuum Tube Fluorescent)
 - D) CRT (Cathode Ray Tube)
- 9) A brake warning lamp on the dash remains on whenever the ignition is on. If the wire to the pressure differential switch (usually a part of the combination valve or built into the master cylinder) is unplugged, the dash lamp goes out. Technician A says that this is an indication of a fault in the brake hydraulic system. Technician B says the problem is probably due to a stuck parking brake cable switch. Who is right? 9) _____
- A) A only
 - B) B only
 - C) Both A and B
 - D) Neither A nor B
- 10) Electronic indicators alert the driver when _____. 10) _____
- A) Traction control is turned off
 - B) A fault is detected in the airbag (SRS) system
 - C) Both A and B
 - D) Neither A nor B

Answer Key

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- 1) A
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- 2) A
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- 3) C
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- 4) C
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- 5) A
Page Ref: 230
- 6) A
Page Ref: 240
- 7) C
Page Ref: 231, 237
- 8) A
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- 9) A
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- 10) C
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