

Name _____

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

- 1) 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. Which technician is correct? 1) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 2) The parking brake switch is in a circuit that illuminates a(an) _____ colored light in the instrument cluster. 2) _____
 - A) Red
 - B) Amber
 - C) Green
 - D) None of these

- 3) Which of these electronic display devices uses electrodes and polarized fluid to create numbers and characters? 3) _____
 - A) LCD (Liquid Crystal Display)
 - B) LED (Light Emitting Diode)
 - C) VTF (Vacuum Tube Fluorescent)
 - D) CRT (Cathode Ray Tube)

- 4) Which color symbol requires immediate attention by the driver? 4) _____
 - A) Red
 - B) Amber
 - C) Green
 - D) White

- 5) The light indicating a problem with the ABS system is colored _____. 5) _____
 - A) Amber
 - B) Red
 - C) Green
 - D) None of these

- 6) What can a telematics system do? 6) _____
 - A) Track a vehicle
 - B) Operate the horn and lights
 - C) Communicate for convenience services
 - D) Any of the above

7) The sending unit in a typical fuel gauge uses which of these devices? 7) _____
A) Float
B) Fixed resistor
C) Zener diode
D) Diaphragm

8) What is the meaning of this symbol? 8) _____



- A) Oil pressure too low
- B) Suspension lubrication needed
- C) Time for an oil change
- D) Tea is ready

9) A backup camera can show a poor quality image on the interior display if what occurs? 9) _____
A) Ice or snow on the camera
B) Bright lights aimed at the camera
C) Extreme temperatures
D) Any of the above

10) What is the minimum oil pressure required to keep the oil pressure warning light turned OFF? 10) _____
A) 10 PSI (70 kPa)
B) 3 to 7 PSI (20 to 50 kPa)
C) 60 PSI (400 kPa)
D) None of these

Answer Key

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1) C

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2) A

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3) A

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4) A

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5) A

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6) D

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7) A

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8) A

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9) D

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10) B

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