

Name _____

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

- 1) To cause inflation, the closing of the _____ is required to provide the power-side voltage to the inflator module. 1) _____
 - A) Forward discriminating sensor
 - B) Arming sensor
 - C) Electronic Frontal Sensor (EFS)
 - D) Seat Position sensor (SPS)

- 2) A vehicle is being repaired after an airbag deployment. Technician A says that the inflator module should be handled as if it is still live. Technician B says rubber gloves should be worn to prevent skin irritation. Who is right? 2) _____
 - A) A only
 - B) B only
 - C) Both A and B
 - D) Neither A nor B

- 3) How many sensors must be triggered at the same time to cause an airbag deployment? 3) _____
 - A) One
 - B) Three
 - C) Four
 - D) Two

- 4) Which of these is the heating element used to ignite the gas-generating material, usually sodium azide? 4) _____
 - A) Pretensioner
 - B) Squib
 - C) Coil
 - D) Element

- 5) A seat belt pretensioner is _____. 5) _____
 - A) A device that contains an explosive charge
 - B) Used to force the occupant back into position against the seat back in the event of a collision
 - C) Used to remove slack from the seat belt in the event of a collision
 - D) All of the above

- 6) Technician A says that two sensors must be triggered at the same time for an airbag deployment to occur. Technician B says that frontal airbags only operate within 60 degrees from center and do not deploy in the event of a side or rear collision. Who is right? 6) _____
 - A) A only
 - B) B only
 - C) Both A and B
 - D) Neither A nor B

- 7) What conducts power and ground to the driver's side airbag? 7) _____
- A) Clockspring
 - B) Carbon contact and brass surface plate on steering column
 - C) Magnetic reed switch
 - D) Twisted pair wires
- 8) The air bags system should be disarmed when servicing which of these vehicle systems? 8) _____
- A) Front lighting system
 - B) Wheel alignment
 - C) Steering wheel
 - D) Any of these
- 9) Two technicians are discussing dual-stage airbags. Technician A says that a deployed airbag is safe to handle regardless of which stage caused the deployment of the airbag. Technician B says that both stages ignite, but at different speeds depending on the speed of the vehicle. Who is right? 9) _____
- A) A only
 - B) B only
 - C) Both A and B
 - D) Neither A nor B
- 10) What color are the airbag electrical connectors and conduit? 10) _____
- A) Blue
 - B) Orange
 - C) Red
 - D) Yellow

Answer Key

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1) B

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2) C

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3) D

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4) B

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5) D

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6) A

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7) A

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8) C

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9) D

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10) D

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