

Name: _____ Date: _____

1. What is the primary reason to handle a halogen bulb by its base?
 - A. To improve grip
 - B. To prevent the bulb from shattering
 - C. To prevent the skin's oil from getting on the glass
 - D. To ensure proper installation

2. Why do composite headlights tend to fade and discolor over time?
 - A. Due to manufacturing defects
 - B. Due to constant exposure to the sun's ultraviolet (UV) rays
 - C. Due to moisture accumulation
 - D. Due to electrical malfunctions

3. Which type of headlight produces light from an electrical discharge between two electrodes in a gas-filled arc tube?
 - A. Halogen
 - B. LED
 - C. Incandescent
 - D. HID

4. What is the primary advantage of LED lights?
 - A. They produce warmer light
 - B. They have a faster illumination time
 - C. They require more power
 - D. They are larger in size

5. Which component is responsible for controlling the lights in many vehicles?
 - A. Dimmer switch
 - B. Headlight switch
 - C. Body Control Module (BCM)
 - D. Turn signal switch

6. What is the unit used to measure the "color" of light produced by a light bulb?
 - A. Amperes
 - B. Watts
 - C. Volts
 - D. Kelvin degrees

7. Which type of light bulb should not be touched with bare hands due to the risk of transferring skin oils?
 - A. LED bulbs
 - B. Incandescent bulbs
 - C. Halogen bulbs
 - D. HID bulbs

8. What is the primary function of an automatically dimming mirror?

- A. To operate the fog lights
- B. To help prevent the Troxler effect
- C. To operate the daytime running lights (DRLs)
- D. To automatically dim the headlights

9. Which type of headlights emit a whiter light and often appear bluer compared to halogen bulbs?

- A. LED headlights
- B. Incandescent headlights
- C. HID (xenon) headlights
- D. Adaptive headlights

10. Which lighting system could pose an electrical shock hazard if not handled with proper precautions?

- A. LED lights
- B. HID lights
- C. Rear fog lights
- D. Driving lights

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Chapter 53

Multiple Choice Quiz A

Answer Key

1. C

2. B

3. D

4. B

5. C

6. D

7. C

8. B

9. C

10. B