

Name \_\_\_\_\_

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

1) Using the bulb table below, which of these bulbs is the brightest?

1) \_\_\_\_\_

BULB NUMBER	FILAMENTS	AMPERAGE LOW/HIGH	WATTAGE LOW/HIGH	CANDLEPOWER LOW/HIGH
7440	1	1.75	21.00	36.60
7443	2	0.42/1.75	5.00/21.00	2.80/36.60
17131	1	0.33	4.00	2.80
17635	1	1.75	21.00	37.00
17916	2	0.42/1.75	5.00/21.00	1.20/35.00
<b>Parking, Daytime Running Lamps</b>				
24	1	0.24	3.36	2.00
67	1	0.59	7.97	4.00
168	1	0.35	4.90	3.00
194	1	0.27	3.78	2.00
889	1	3.90	49.92	43.00
912	1	1.00	12.80	12.00
916	1	0.54	7.29	2.00
1034	2	0.59/1.80	8.26/23.04	3.00/32.00
1156	1	2.10	26.88	32.00
1157	2	0.59/2.10	8.26/26.88	3.00/32.00
2040	1	0.63	8.00	10.50

- A) 67
- B) 194
- C) 1156
- D) 168

2) The amount of light produced by a lamp is measured in \_\_\_\_\_.

2) \_\_\_\_\_

- A) Watts
- B) Lightpower
- C) Volts
- D) Candlepower

3) The headlights are properly aimed when they point straight ahead on high beam.

3) \_\_\_\_\_

- A) True
- B) False

- 4) Technician A says that automotive bulbs are identified by trade numbers. Technician B says that the trade number is different for each manufacturer for the exact same bulb specification. Who is right? 4) \_\_\_\_\_
- A) A only
  - B) B only
  - C) Both A and B
  - D) Neither A nor B
- 5) If a 2057 bulb is burned out, which bulb should be used to replace it? 5) \_\_\_\_\_
- A) 2057
  - B) 2057NA
  - C) 1157
  - D) 3057
- 6) Interior overhead lights (dome lights) are operated by doorjamb switches that \_\_\_\_\_. 6) \_\_\_\_\_
- A) Complete the power side of the circuit
  - B) Complete the ground side of the circuit
  - C) Move the bulb(s) into contact with the power and ground
  - D) Either A or B depending on application
- 7) Which type of headlight has a blue color? 7) \_\_\_\_\_
- A) HID (xenon)
  - B) Sealed beam
  - C) Halogen
  - D) None of the above
- 8) What is used for daytime running lights? 8) \_\_\_\_\_
- A) Parking lights
  - B) Separate daytime running lights (DRL)
  - C) The high beam headlights at reduced intensity
  - D) Any of the above
- 9) A technician replaced a 1157NA with a 1157A bulb. What is the most likely result? 9) \_\_\_\_\_
- A) The bulb is brighter because the 1157A candlepower is higher
  - B) The amber color of the bulb is a different shade
  - C) The bulb is dimmer because the 1157A candlepower is lower
  - D) Both B and C
- 10) Technician A says that HID headlights give a bluish-colored light . Technician B says that the high beam lights can be used as daytime running lights in some vehicles. Who is right? 10) \_\_\_\_\_
- A) A only
  - B) B only
  - C) Both A and B
  - D) Neither A nor B

## Answer Key

Testname: INTRO\_25B

1) C

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2) D

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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) D

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9) B

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10) C

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