

## Automotive Engines 10th

### Quiz 7A

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

1. A safety stand is also called a \_\_\_\_\_. 1. \_\_\_\_\_
  - A) jack
  - B) jack stand
  - C) bottle jack
  - D) safety stool
  
2. Hoists are rated according to the maximum vehicle \_\_\_\_\_ it can handle. 2. \_\_\_\_\_
  - A) length
  - B) height
  - C) doors
  - D) weight
  
3. A hoist with asymmetrical arms means it \_\_\_\_\_. 3. \_\_\_\_\_
  - A) has just two lifting arms
  - B) uses different length lift arms
  - C) uses the same length lift arms
  - D) has just one lifting arm
  
4. Before lowering the vehicle, what should the technician do? 4. \_\_\_\_\_
  - A) Ensure nothing is underneath the vehicle
  - B) Raise the vehicle enough to release the safety latch
  - C) Be sure no one will be walking under or near the vehicle
  - D) All of these
  
5. When removing heavy components that may change the center of gravity of a vehicle \_\_\_\_\_. 5. \_\_\_\_\_
  - A) use tall safety stands
  - B) position hoist arms as close to vehicle corners as possible
  - C) Both A and B
  - D) Neither A nor B
  
6. Which symbol is used to indicate safe lifting points? 6. \_\_\_\_\_
  - A) Triangle
  - B) Square
  - C) Circle
  - D) None of these
  
7. Which of these is LEAST likely to be used to lift a vehicle in a professional shop? 7. \_\_\_\_\_
  - A) Drive-up ramps
  - B) Floor jacks
  - C) Two post frame engaging hoist
  - D) None of these
  
8. Commonly damaged areas of a vehicle during hoisting include \_\_\_\_\_. 8. \_\_\_\_\_
  - A) rocker panels
  - B) exhaust systems
  - C) tires or body panels
  - D) All of the above

9. Pad extensions may be needed when hoisting what type of vehicle?

9. \_\_\_\_\_

- A) Small cars
- B) Pickup trucks
- C) Vans
- D) Either B or C

10. Technician A says to always adhere to the specified hoisting locations as found in service information. Technician B says that adapters or extensions are often needed when hoisting pickup trucks or vans. Which technician is correct?

10. \_\_\_\_\_

- A) Technician A only
- B) Technician B only
- C) Both technicians A and B
- D) Neither technician A nor B

## Answer Key

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2. D  
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3. B  
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4. D  
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5. C  
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6. A  
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