

## *Automotive Engines 10th*

### **Quiz 7B**

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

1. When checking stability, how high should the vehicle be raised? 1. \_\_\_\_\_
  - A) About 2 inches (5 cm)
  - B) About 6 inches (15 cm)
  - C) About 12 inches (30 cm)
  - D) About 3 feet (91 cm)
  
2. Technician A says that whenever a floor jack is used to raise a vehicle off the ground it must be supported using safety stands. Technician B says that the floor jack can support the vehicle safely as long as it is just for a short time. Which technician is correct? 2. \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians A and B
  - D) Neither technician A nor B
  
3. Tall safety stands would be used to \_\_\_\_\_. 3. \_\_\_\_\_
  - A) help support the vehicle when a major component is removed from the vehicle
  - B) lift a vehicle
  - C) lift a component such as an engine high off the ground
  - D) Both B and C
  
4. The SAE standard for lift points and lifting procedures is \_\_\_\_\_. 4. \_\_\_\_\_
  - A) J-1980
  - B) SAE-2009
  - C) JRP-2184
  - D) J-14302
  
5. Technician A says that ramps are an expensive way to raise the front or rear of a vehicle. Technician B says that ramps can be dangerous because they can "kick out" when driving the vehicle onto the ramps. Which technician is correct? 5. \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians A and B
  - D) Neither technician A nor B
  
6. Technician A says that tall safety stands can be used to provide additional support for a vehicle while on a hoist. Technician B says that most newer vehicles have a triangle symbol indicating the recommended hoisting lift points. Which technician is correct? 6. \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians A and B
  - D) Neither technician A nor B
  
7. A creeper should be stored \_\_\_\_\_. 7. \_\_\_\_\_
  - A) vertically
  - B) under a vehicle
  - C) flat on the floor
  - D) upside down on the floor

8. Before lowering the vehicle, what should the technician do? 8. \_\_\_\_\_  
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

9. A safety stand is also called a \_\_\_\_\_. 9. \_\_\_\_\_  
A) jack  
B) jack stand  
C) bottle jack  
D) safety stool

10. Pad extensions may be needed when hoisting what type of vehicle? 10. \_\_\_\_\_  
A) Small cars  
B) Pickup trucks  
C) Vans  
D) Either B or C

## Answer Key

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