

Automotive Technology 7<sup>th</sup> Edition  
Chapter 10  
Multiple Choice Quiz A

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. A floor jack is a device primarily used to:
  - A. Support the weight of a vehicle.
  - B. Lift vehicles or vehicle components.
  - C. Repair hydraulic seals.
  - D. Replace a vehicle's tire.
  
2. Which of the following is true about safety stands?
  - A. They are designed to hold the weight of a vehicle.
  - B. They can be used as an alternative to floor jacks.
  - C. They are another name for a floor jack.
  - D. They should be used after a floor jack lifts a vehicle.
  
3. If a load is retained on a floor jack, what might happen?
  - A. Hydraulic fluid can leak.
  - B. The floor jack can become more stable.
  - C. The vehicle will lift higher.
  - D. The floor jack will be easier to move.
  
4. What is a creeper used for?
  - A. Lifting a vehicle.
  - B. Holding a vehicle in place.
  - C. Maneuvering under a vehicle.
  - D. Keeping the vehicle's engine running.
  
5. To prevent falls, where should a creeper be placed when not in use?
  - A. Underneath the vehicle.
  - B. Horizontally on the floor.
  - C. Vertically against a wall or toolbox.
  - D. On top of the workbench.
  
6. Which of the following best describes an asymmetrical lift?
  - A. It uses equal length arms.
  - B. It allows vehicle doors not to hit the center support column when opened.
  - C. It is the most common type of hoist.
  - D. It is primarily used for vehicles over 12,000 pounds.
  
7. SAE Standard JRP-2184 pertains to:
  - A. The proper use of creepers.
  - B. The manufacturing process of hydraulic jacks.
  - C. Lift points and lifting procedures.
  - D. The rating system for hoists.

8. Which of the following locations is considered strong for pad placement on many vehicles?

- A. The vehicle's rooftop.
- B. Pinch welds at the bottom edge of the body.
- C. The center of the vehicle's doors.
- D. The vehicle's exhaust system.

9. When raising a vehicle with a hoist, it is advised to:

- A. Constantly look away to ensure surroundings are safe.
- B. Lift the vehicle to its maximum height immediately.
- C. Raise the vehicle about 1 ft off the floor, then shake to check stability.
- D. Ignore the safety latches.

10. Why are ramps considered dangerous in professional repair shops?

- A. They are expensive.
- B. They can "kick out" when driving the vehicle onto them.
- C. They are hard to store.
- D. They make the vehicle unstable when raised.

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Answer Key

1. B

2. D

3. A

4. C

5. C

6. B

7. C

8. B

9. C

10. B