

ANSWER KEY

**Hispanic Contractors Association de San Antonio**  
**Fall Protection for the Construction Industry (SH-22298-11-60-F-48)**  
**STUDENT TEST**

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

1.  True or False? Engineering controls, such as scaffolds and guardrails, should be used to eliminate the fall hazard whenever possible.
2. Which of the following factors must be considered when choosing a fall protection system?
  - A. Work environment
  - B. Effects of extreme temperatures
  - C. Sharp or abrasive edges
  - D. All of the above.
3.  True or False? Anchorage points must be able to support a weight of at least 5,000 lbs. per worker attached.
4. Fall protection system:
  - A. Consists of a full body harness, shock absorbing or retractable lanyards, connectors and an anchorage point.
  - B. Is used to control the fall of a worker and suspend the worker until rescued.
  - C. Must be inspected prior to each use.
  - D. All of the above.
5. Fall prevention system:
  - A. Limits the workers movement to prevent them from reaching an area where a fall hazard exists.
  - B. Uses fixed length lanyards to restrict movements and maintain the safe distance from the fall hazard.
  - C. Must be inspected prior to use.
  - D. All of the above.
6.  True or False? A full body harness is designed to spread the force of stopping a fall throughout the body.
7.  True or False? A full body harness needs to be used as part of a personal fall arrest system.
8.  True or False? The greater the free fall distance the more force is needed to stop the fall.
9.  True or False? All parts of a fall protection system must be examined for wear, deterioration, and damage prior to each use.
10.  True or False? Damaged or defective parts of a fall protection system must be replaced before using the equipment.

11. What will help keep you safe if something like a hammer falls over the edge of a work area to a lower floor?

Toe guards and barricades to prevent from falling off edge; hard hat

12. *True or false?* It is safe to tie a knot on a connector.

13. *True or false?* A low-slope roof has a slope of 4 to 12 (vertical to horizontal).

14. *True or false?* When working on a high slope (steep) roof, a safety monitor cannot be used as part of a fall protection system.

15. Top guardrails need to be placed at 42 inches from the floor and be able to withstand a force of at least 250 lbs.

16. *True or false?* A 6 ft. lanyard/connector can be used when working on the second level of a scaffold (approximately 12 to 13ft. high).

17. A personal fall arrest system is made up of a:

i) Harness

ii) Lanyard/ connector

iii) Anchor point

18. By law, fall protection in the construction industry is required when working at least 6 feet above a lower level.

19. *True or false?* Taped-off areas indicate that you should only enter an area if you have personal fall arrest equipment on.

20. When using an extension ladder, what is the ratio of how far the base of the ladder needs to be from the building or the wall? (vertical to horizontal)

A. 1:1

B. 3:1

C. 4:1

D. 4:4