

APPLICANT'S NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

SCORE: \_\_\_\_\_

### RODBUSTER TEST

Below are some multiple-choice questions pertaining to Rod Busters.  
Circle the BEST possible answer for each question.

1. What is the approximate diameter of a # 5 re-bar?
  - A. 3/4"
  - B. 5/8"
  - C. 3/8"
  - D. 1"
  
2. What is the approximate diameter of a # 9 re-bar?
  - A. 7/8"
  - B. 1 1/4"
  - C. 1 1/8"
  - D. 1 3/8"
  
3. What is the term for the smaller re-bars when they are bent into various shapes, usually a square or rectangle, to hold vertical column or horizontal beam bars in place?
  - A. Column ties
  - B. Bar straps
  - C. Stirrups
  - D. Beam rods
  
4. What tool is most commonly used for bag ties?
  - A. Twist tie
  - B. Pliers
  - C. Side cutters
  - D. Clines
  
5. Re-bar can be cut with what device?
  - A. Cutter-bender
  - B. Demo or pipe saw
  - C. Acetylene torch
  - D. All of the above

6. What is the term for the objects used to keep re-bars off of horizontal wooden framework?
  - A. J-bars
  - B. Cross bars
  - C. Slab runners
  - D. Bar jacks
  
7. What is the term used to describe re-bars touching wooden forms before they are filled with concrete?
  - A. Brushing
  - B. Burning
  - C. Joining
  - D. Shearing
  
8. When two re-bars are joined in a continuous run, they should be what?
  - A. Bent
  - B. Welded
  - C. Spaced
  - D. Lapped
  
9. Tying an additional bar to make up a gap where two bars should join on a continuous run is known as what?
  - A. Coupling
  - B. Melding
  - C. Splicing
  - D. Stretching
  
10. A list provided by the re-bar supplier, showing the placement of the individually labeled bundles of steel, is commonly known as what?
  - A. Site plans
  - B. Cut sheet
  - C. Steel print
  - D. Bar code
  
11. What is the most secure method of tying “bands” to vertical column re-bars?
  - A. Saddle tie
  - B. Bar tie
  - C. Hitch tie
  - D. Cinch tie
  
12. What are commonly used to hold re-bar off the ground in footings and column pads?
  - A. 2-bar chairs
  - B. Bessel or Adobe brick
  - C. 3-bar chairs
  - D. All of the above

13. When joining new re-bar to an existing concrete structure, one should always use what?

- A. Caulking
- B. Hydraulic cement
- C. Bonding agent
- D. Epoxy cement

14. Exposed re-bars that point in such a manner that they can be safety hazards should be what?

- A. Cut
- B. Capped
- C. Bent
- D. None of the above

15. The arrow below is pointing to what measurement?

- A.  $5 \frac{1}{4}$ "
- B.  $5 \frac{3}{8}$ "
- C.  $5 \frac{5}{8}$ "
- D.  $5 \frac{7}{8}$ "

