

Department of Examinations and Assessment

Louisiana State Licensing Board for Contractors

LSLBC

Residential Building Contractor

Residential Building Contractor is a **closed book** examination with 80 multiple-choice questions which are equally weighted. You will have four hours to complete this examination. A calculator will be provided for use during the examination.

Content Outline

Rough Carpentry	26%	Excavation and Site Work	9%
Interior and Exterior Finish	20%	Roofing	6%
Concrete and Rebar	19%	Masonry	5%
Associated Trades	10%	Plans and Specifications	5%

REFERENCES

The examination for Residential Building Contractor is set at the level of knowledge, skill, and abilities expected for individuals entering the field as contractors for this work. Often the best preparation is training through a mentor or through a company or organizational training program, or a higher educational or vocational educational training program, etc., along with actual experience. Below is only a representative sample of the courses and books available on this subject at the time this list was compiled.

Courses

DEWALT® Building Contractor's Online Licensing Exam Preparation

https://www.cengage.com/coursepages/buy_exam_prep

Alison Courses

<https://alison.com/courses/Diploma-in-Carpentry-Studies/content>

<https://alison.com/courses/Introduction-to-Masonry>

Books

Carpentry and Building Construction Feirer, Mark D. and Feirer John L; Glencoe/McGraw-Hill; New York; 2003/2004.

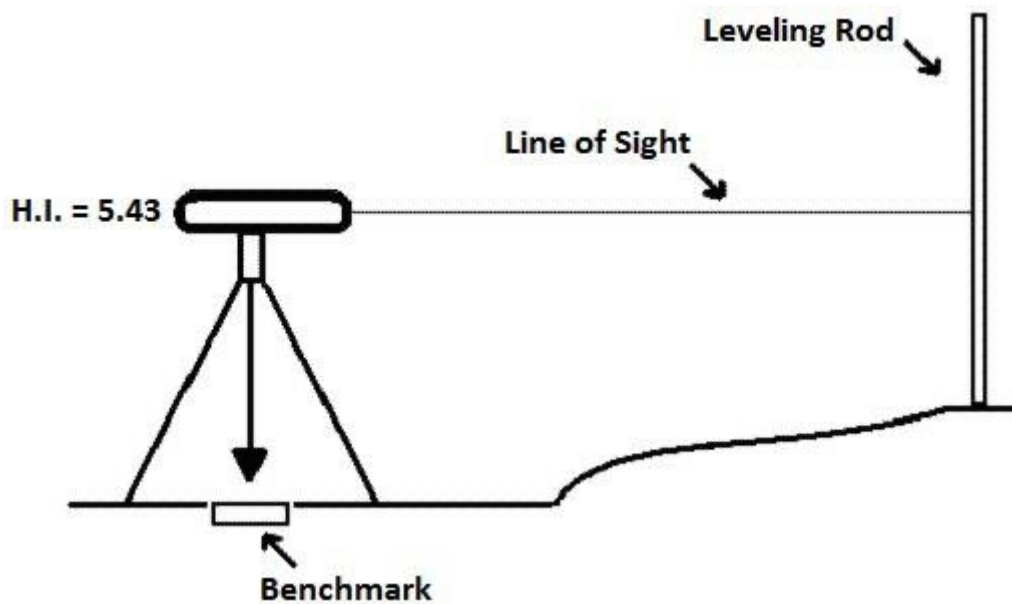
International Residential Code for One and Two-Family Dwellings International Code Council Birmingham, AL; 2006.

Building Your High-Performance Home: Gulf Region Homeowners Guide Reichel, Claudette Hanks, Ed. D., et. al.; Louisiana State University Agricultural Center; Baton Rouge, LA; 2009. Available at: www.louisianahouse.org

Construction Industry Digest; OSHA 2202; Occupational Safety and Health Administration; Washington, DC. Available as a free download at: www.osha.gov/Publications/osha2202.pdf

SAMPLE QUESTIONS

21. Refer to the illustration below for this question:



In the drawing shown, the survey instrument reads 4.17 on the leveling rod. The height of the instrument is 5.43. The benchmark elevation is 214.56.

What is the elevation at the leveling rod?

- a) 215.82
- b) 218.73
- c) 219.99
- d) 224.16

22. The last step in finishing a smooth concrete slab is to:

- a) trowel the surface.
- b) float the surface.
- c) screed (strike off) the surface.
- d) vibrate the surface.

23. A building slab will be 25' x 90' x 8".

How many cubic yards of concrete will be needed?

(Note: Assume that the grade will be perfectly level and that there will be no crown or slope in the slab. Do not include waste or excess in your estimate.)

- a) 27 cubic yards.
- b) 56 cubic yards.
- c) 167 cubic yards.
- d) 180 cubic yards.

24. A rectangular building with a gable roof will be 80' x 36'. The rafters will be spaced 32" on center.

How many total rafters will be needed?

- a) 30
- b) 31
- c) 60
- d) 62

25. When using a crane to lift a wood timber, the guide rope should be attached to the:

- a) Hoisting rope.
- b) Hook.
- c) Wood timber.
- d) Jib.

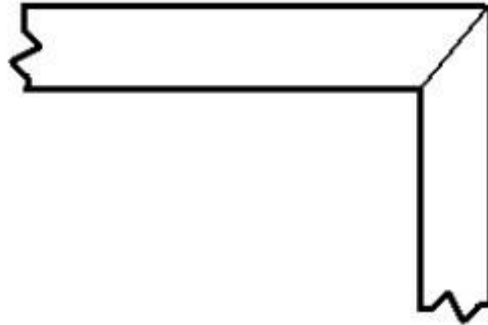
26. Refer to the drawing below:



The steel drawing shown above indicates a(n):

- a) American Standard Beam.
- b) structural tube.
- c) torque strip.
- d) steel track.

27. Refer to the drawing below for this question:



The corner of this molding is square. The miter joint shown is cut at a:

- a) 45° angle.
- b) 90° angle.
- c) 180° angle.
- d) 240° angle.

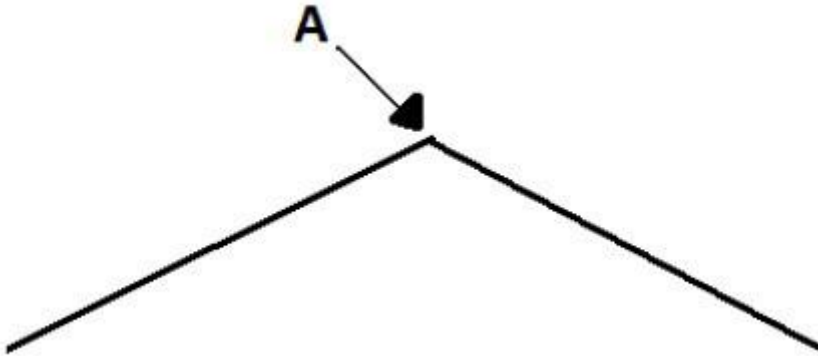
28. Hardwood strip flooring should be installed:

- a) perpendicular (i.e., at a right angle) to the flooring joists.
- b) parallel with the flooring joists.
- c) diagonal to the flooring joists.
- d) first perpendicular to the flooring joists, then parallel with the flooring joists.

29. If a freshly mixed mortar batch for a brick wall is too stiff to work, the mason should:

- a) throw out the mortar and mix a new batch.
- b) add more water to the mortar batch.
- c) add more cement to the mortar batch.
- d) heat the mortar batch.

30. Refer to the illustration below:



The type of shingles that would be installed at **A** would be:

- a) valley shingles.
- b) ordinary three-tab shingles.
- c) ordinary two-tab shingles.
- d) ridge shingles.

KEY for the
SAMPLE QUESTIONS

21. A

22. A

23. B

24. D

25. C

26. B

27. A

28. A

29. B

30. D