

Chapter 1—Organization of the Industry

TRUE/FALSE

1. The federal government is the enforcing agency for all building codes in the United States.

ANS: F PTS: 1

2. States usually have their own building codes and state codes often require local building codes to be at least as strict as the state code.

ANS: T PTS: 1

3. Most small cities and counties publish their own building codes.

ANS: F PTS: 1

4. The building codes are the only standards used to ensure and enforce construction safety of buildings.

ANS: F PTS: 1

MULTIPLE CHOICE

1. *The Bureau of Labor Statistics* estimates that growth in construction jobs will be _____ that of the total workforce.

a. less than c. the same as
b. greater than d. holding steady like

ANS: B PTS: 1

2. An individual who is being trained to work in the building trades and works under the supervision of a skilled craftsman is called a(n) _____.

a. journeyman
b. laborer
c. semi-skilled laborer
d. apprentice

ANS: D PTS: 1

3. A business that is operated by a board of directors is called a _____.

a. sole proprietorship
b. partnership
c. limited partnership
d. corporation

ANS: D PTS: 1

4. A(n) _____ is a skilled craft worker who has proven his/her ability in a particular trade.

a. journeyman
b. laborer
c. semi-skilled laborer
d. apprentice

ANS: A PTS: 1

5. _____ have adopted some portion of the International Residential Code.
- a. 22 states
 - b. 35 states
 - c. 48 states
 - d. 50 states

ANS: D PTS: 1

6. A typical apprentice program requires between _____ hours per year of classroom training.
- a. 50 and 60
 - b. 50 and 100
 - c. 100 and 200
 - d. 200 and 300

ANS: C PTS: 1

7. A typical apprenticeship requires _____ hours per year of supervised work experience.
- a. 1000 to 1500
 - b. 1200 to 1500
 - c. 1500 to 1750
 - d. 2000 to 2500

ANS: B PTS: 1

8. Which of the following is NOT considered to be a design or management profession?
- a. architect
 - b. technician
 - c. contractor
 - d. engineer

ANS: B PTS: 1

9. The type of engineer most commonly found in construction is the _____ engineer.
- a. chemical
 - b. electrical
 - c. civil
 - d. mechanical

ANS: C PTS: 1

10. The _____ is responsible for ensuring that all buildings in a city meet the city development plan and zoning ordinances.
- a. project developer
 - b. building inspector
 - c. contractor
 - d. civil engineer

ANS: B PTS: 1

11. In which of the following business types do the company owners enjoy limited liability?
- a. sole proprietorship
 - b. partnership
 - c. general partnership
 - d. corporation

ANS: D PTS: 1

12. In which of the following types of businesses are the owners NOT responsible for the company debts?
- sole proprietorship
 - corporation
 - general partnership
 - partnership

ANS: B PTS: 1

COMPLETION

1. A(n) _____ is a person who owns a construction business and enters into contracts with customers to do specified construction work.

ANS: contractor

PTS: 1

2. An occupation that requires more than four years of college and a license to practice is called a(n) _____.

ANS: profession

PTS: 1

3. A _____ is a contractor who is brought into a project to work on only one part of the project, such as electrical or plumbing.

ANS: Subcontractor

PTS: 1

4. _____ are made up of top chords, bottom chords, web members, and gussets.

ANS: Trusses

PTS: 1

5. Someone who owns a share of _____ is considered to own a share of the company.

ANS: stock

PTS: 1

6. The day-to-day operations of a corporation is managed by its _____.

ANS: president

PTS: 1

SHORT ANSWER

1. Whose seal must appear on the drawings before work can begin on a building?

ANS:
the architect's

PTS: 1

2. Explain what is required for an apprentice to complete an apprenticeship program.

ANS:
attend classes each week and work under a journeyman while at the job site.

PTS: 1

3. Explain how an apprentice's salary compares to a journeyman's salary.

ANS:
An apprentice's pay starts out at 50% of a journeyman's and increases as the apprentice completes levels of training. An apprentice's salary can reach 95% of a journeyman's salary by the time training is completed.

PTS: 1

4. Explain the advantages of sole proprietorship.

ANS:
The owner has complete control, a minimum of government regulation, and all company profits.

PTS: 1

5. Explain what a limited liability partner is.

ANS:
Someone who invests in the business, receives a proportional share of the profit, but who can only lose what he/she invested in the company.

PTS: 1

6. Explain why the government has stricter regulations for corporations than for other forms of business.

ANS:
Because there is no one person who can be held accountable for the actions of the company.

PTS: 1