

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. State 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 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. According to *the Bureau of Labor Statistics*, approximately _____ percent of all workers in the U.S. is employed in construction in some way.

a. 3 c. 10
b. 5 d. 12

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. The Home Builder's Institute reports that _____ accounts for 52% of the construction industry.
- commercial construction
 - home building
 - industrial construction
 - utility construction

ANS: B PTS: 1

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

ANS: C PTS: 1

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

ANS: B PTS: 1

8. Which of the following is NOT considered to be a design or management profession?
- architect
 - project manager
 - contractor
 - engineer

ANS: B PTS: 1

9. The type of engineer most commonly found in construction is the _____ engineer.
- chemical
 - electrical
 - civil
 - 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.
- project developer
 - building inspector
 - contractor
 - civil engineer

ANS: B PTS: 1

11. In which of the following business types do the company owners enjoy limited liability?
- sole proprietorship
 - partnership
 - general partnership
 - 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. A corporation is managed by its _____.

ANS: board of directors

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 wage and increases as the apprentice completes the 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 or loss, 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