

CHAPTER QUIZZES

CHAPTER 1 QUIZ

1. Which of the following is not true with respect to the future of the design/build industry?
 - a. The industry will become more global.
 - b. Demand will increase for more highly trained workers.
 - c. The need for permits and regulations will decrease.
 - d. Hazardous waste disposal and product recycling will become more important.
 - e. All of the above are true.
2. Government regulations that affect construction exist to _____.
 - a. Maintain public safety and welfare
 - b. Provide fair and open competition among project participants
 - c. Minimize owners' financial and physical risk
 - d. Mitigate unproductive conflicts between parties
 - e. All of the above
3. The construction industry does not emphasize research and development as much as do high-technology industries.
_____ True _____ False
4. It is to the advantage of all of us involved in the construction industry to discourage others from pursuing a career in our profession. The more people who enter our profession, the fewer opportunities exist.
_____ True _____ False
5. Projects in which of the following industry sectors would typically be designed by an architect?
 - a. Residential
 - b. Commercial building
 - c. Industrial
 - d. Heavy engineering
 - e. A and B only
6. Which industry sector is the largest?
 - a. Residential
 - b. Commercial building
 - c. Heavy engineering
 - d. Industrial
 - e. Farming
7. Private-sector projects are funded by tax dollars through cities, towns, states, and the federal government.
_____ True _____ False
8. Outreach activities that educate the public and, in particular, young people to better understand our profession are important for what reason?
 - a. To meet government regulations
 - b. To improve job-site safety
 - c. To improve the image of the profession
 - d. To improve industry competitiveness
 - e. All of the above

9. Young people presently view a career in construction as highly desirable.
_____ True _____ False
10. What is the term used to describe the changes that are occurring in our industry with respect to the average age and makeup of our work force?
- a. R & D
 - b. CIC
 - c. Infrastructure
 - d. Demographics
 - e. None of the above

CHAPTER 2 QUIZ

1. A structural steel column collapses and is found to have been undersized. Which project participant would most likely be liable for this mistake?
 - a. Owner
 - b. Designer
 - c. Constructor
 - d. Structural steel worker
 - e. All of the above

Matching (2–5)

Match the project participant with the statement following that best represents their profession, responsibility, or project attitude. Answers may be used more than once.

- a. Owner
 - b. Designer
 - c. Construction manager
 - d. Trade contractor
2. ____ A professional registered by the state
 3. ____ Looked to for the smooth orchestration of the project
 4. ____ Responsible for financing and land acquisition
 5. ____ Wants clear, on-time direction with no changes

Matching (6–10)

Match the design/construction position with the appropriate job description.

- a. Clerk of the works
 - b. Job captain
 - c. Superintendent
 - d. Construction project manager
 - e. Field engineer
6. ____ This person organizes the drawings required to complete the job, manages the personnel resources, communicates with engineers and other consultants, and details schematic designs.
 7. ____ This person interacts with subcontractors and coordinates the flow of workers, supplies, and equipment on the site to ensure that the schedule is met.
 8. ____ Assigned by the designer to interpret the plans and specifications, this person may assist in problem solving, approve or reject material, and approve progress payments.
 9. ____ This person tracks the flow of documents through a field office. This is usually an entry-level position.
 10. ____ This person configures the project team, schedules the job, and sets up the cost control system. This person must have a solid understanding of project administration, good verbal and written communication skills, knowledge of labor union issues, and technical construction knowledge.