

Table of Contents

Table of Contents	2
Chapter Quizzes	3
Answers to Chapter Review Questions and Chapter Quizzes	5

Table of Contents

Chapter Quizzes 01

Answers to Chapter Review Questions and Chapter Quizzes 25

Midterm Exam 31

Answers for Midterm Exam 37

Final Exam 38

Answers for Final Exam 51

“Real World” Case Solutions 52

Construction Project Management Laboratory Program 55

CHAPTER QUIZZES

CHAPTER 1 QUIZ

1. Construction is defined as a high-risk industry. Why?
 - a. Construction is impacted by outside factors such as government funding.
 - b. Construction is done outside and effected by weather conditions.
 - c. Most construction projects are custom not benefitted from standardization.
 - d. All of the above are true.

For questions 2–6, identify in which era the following event/improvement occurred. (Answers are only used once.)

- a. Ancient times 3200 BC to AD 500
 - b. Middle ages AD 500 to the 14th Century
 - c. Renaissance 14th Century to 17th Century
 - d. Industrial Revolution 18th to 19th Century
 - e. Modern Times 20th and 21st Century
2. Construction of the transcontinental railroad _____
3. Construction of the Roman aqueducts _____
4. The invention of the printing press and slide rule _____
5. The emergence of a project leader separate from the craftsman, architect and engineer _____
6. The emergence small cities and states fortified by the construction of castles _____
7. Increased productivity is an important area of focus for the construction industry and can be achieved by _____.
 - a. improving the supply chain
 - b. improving the management culture
 - c. more investment in research and development
 - d. improved safety
 - e. a, b, c, and d
8. In the construction of the transcontinental railroad which company faced greater logistical challenges?
 - a. Central Pacific
 - b. Union Pacific
9. Henry Gantt's graphical representation of work flow is best characterized as a _____.
 - a. CPM diagram
 - b. bar chart
 - c. P E R T chart
 - d. work breakdown structure
10. Most young people view a career in construction as highly desirable. True or false?

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?
 - e. Owner
 - f. Designer
 - g. Constructor
 - h. Structural steel worker
 - i. All of the above

Matching (2–5)

Match the project participant with the statement 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.

**ANSWERS TO CHAPTER REVIEW QUESTIONS
AND CHAPTER QUIZZES**

Chapter 1 Answers

Chapter Review Questions	Quiz
1.	1. D
2.	2. D
3.	3. A
4.	4. C
5.	5. E
6.	6. B
7.	7. E
8.	8. A
9.	9. B
10.	10. F

Chapter 2 Answers

Chapter Review Questions	Quiz
1.	B 1. B
2.	T 2. B
3.	T 3. C
4.	A 4. A
5.	T 5. D
6.	D 6. B
7.	B 7. C
8.	D 8. A
9.	T 9. E
10.	B 10. D

Chapter 3 Answers

Chapter Review Questions	Quiz
1.	B 1. F
2.	T 2. C