Construction Management Jump Start

Chapter 1 – The Construction Industry

Chapter 1 Quiz

1. What is the name of the stone carvings dating back to the pyramids that contained the first written regulations pertaining to construction, commonly referred to as the first known building code?
   1. Amon’s Law
   2. Rules of Osiris
   3. **Code of Hammurabi**
   4. Canon of Tutenkhamen
2. By what specific measurement is construction used as an economic indicator for the U.S. economy?
   1. **Housing starts**
   2. Sales and Inventories
   3. Monthly sales for retail and food services
   4. Annual construction costs
3. Which of the following is NOT one of the primary sectors of the construction industry?
   1. Health Care Construction
   2. Commercial Building
   3. Heavy Civil Construction
   4. Industrial Construction
4. What is the name of the organization credited with promoting construction management as a legitimate and unique area of study at four-year universities?
   1. **Associated Schools of Construction (ASC)**
   2. Accreditation Board for Engineering and Technology (ABET)
   3. Association to Advance Collegiate Schools of Business (AACSB)
   4. Design Build Institute of America (DBIA)
5. What is the role of the owner on a construction project?
   1. To develop the final building plans, specifications, and construction details.
   2. To interpret the plans and specifications and prepare cost estimates and time schedules to meet the requirements of the project.
   3. **To develop the program for the building, define the scope of the project, create the budget, and provide the funding for the project.**
   4. All of the above.
6. What is the name of the weekly magazine dedicated solely to the construction industry?
   1. Environmental Design and Construction Magazine (ED+C)
   2. U.S. Developers Journal
   3. Construction Executive Magazine
   4. **Engineering News Record (ENR)**
7. Which of the following is NOT associated with the construction industry?
   1. Associated General Contractors (AGC)
   2. Associated Builders and Contractors (ABC)
   3. **National Builders Organization (NBO)**
   4. National Association of Home Builders (NAHB)
8. What does LEED stand for?
   1. Leaders Enriching Environmental Decisions
   2. **Leadership in Energy and Environmental Design**
   3. Light Emitting Energy Drivers
   4. None of the above
9. What two construction associations offer voluntary certification programs for construction managers?
   1. American Institute of Constructors (AIC)
   2. Construction Management Association of America (CMAA)
   3. Associated School of Construction (ASC)
   4. **Both A and B**
10. What is lean construction?
    1. **Philosophy that focuses on adding value with less work and the elimination of waste in the building process.**
    2. Fast tracking the construction project to finish faster.
    3. Reducing costs by value engineering.
    4. Utilizing sustainability practices for construction methods.
11. What industry does the lean concept stem?
    1. Farming Industry
    2. Health Care Industry
    3. Homebuilding Industry
    4. **Manufacturing Industry**
12. Who are the primary players in a construction project?
    1. Owners
    2. Design Professionals
    3. Construction Professionals
    4. **All of the above**
13. By whom was the first form of concrete used?
    1. Greeks
    2. Egyptians
    3. **Romans**
    4. Venetians
14. Which of the following is NOT a primary player in a construction project?
    1. Owner
    2. General Contractor
    3. Engineer
    4. Architect
    5. **All of the above**
15. Who is considered by many to be the precursor to the modern-day architect?
    1. **Leone Battista Alberti**
    2. Frank Owen Gehry
    3. Benjamin Latrobe
    4. Zaha Hadid