



Architecture

Examination

Coverage of the Architecture Exam

The Architecture Exam questions will cover the following disciplines:

#	Discipline	Sub-Discipline
1	Architectural Technology	Building Materials and Construction Methods
		Building Systems
2	Site and Building Design	Architectural Planning and Design
		Structural Analysis and Design
3	Professional Practice	Practice and Project Management
		Ethics, Codes and Regulations

Sample Questions of the Architecture Exam

Q1. Which of the following types of concrete construction is reinforced with tensioned high-strength steel-wire strands?

- A. Tilt-up.
- B. Pre-stressed. (Correct Answer)
- C. Cast-in-place.
- D. Precast.

Q2. Why would high-pressure instead of low-pressure sodium lamps be used in storage warehouse?

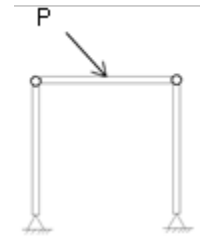
- A. They are less expensive.
- B. They have a longer lamp life.
- C. They can operate at higher, more efficient voltages.
- D. They have better color rendering properties. (Correct Answer)

Q3. The most important factor for locating a new retail center is:

- A. Accessibility to market area traffic. (Correct Answer)
- B. The availability of utilities.
- C. A well-drained level site.
- D. Its proximity to employment zone areas.

Q4. The frame shown is:

- A. Stable and indeterminate.
- B. Stable and determinate
- C. Unstable and determinate.
- D. Unstable. (Correct Answer)



Q5. What is the difference between Change orders and Addenda?

- A. Addenda would not be considered part of the construction documents.
- B. Only a change order can change work on the job site.
- C. Addenda are changes that come before the owner-contractor agreement,
- D. while change orders come after. (Correct Answer)
- E. Change orders are modifications, while addenda do not affect final
- F. construction.

Q6. An architect/engineer can:

- A. Actively compete for job contracts. (correct Answer)
- B. Openly criticize other architects/engineers if he believes that the quality of their work
- C. is inferior.
- D. Receive payment from two different sources for one job.
- E. Obtain a contract from a government agency that has a member of his firm serving as
- F. a principal member.

Recommended References the Architecture Exam

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4. William Bobenhausen. *Simplified Design of HVAC Systems* (New York, United States: John Wiley & sons, 1994).
5. Alison G. Kwok and Walter T. Grondzik. *The Green Studio Handbook: Environmental Strategies for Schematic Design*. (Elsevier, U.K., 2007)
6. Edward Allen and Joseph Iano, *The Architect's Studio Companion: Rules of Thumb of Preliminary Design*, (4th edition, John Wiley & Sons, N.J., 2007).
7. Francis D.K. Ching and Steven R. Winkel, *Building Codes Illustrated: A Guide to Understanding the 2006 International Code*. (John Wiley & Sons, N.J., 2007).
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11. Barry Wasserman, Patrick Sullivan, and Gregory Palermo. *Ethics and the Practice of Architecture* (New Jersey, United States: John Wiley & Sons, 2000).
12. James Franklin. *Architect's Professional Practice Manual* (New York: McGraw-Hill, 2000).
13. Joseph Demkin. *The Architect's Handbook of Professional Practice: The American Institute of Architects* (New Jersey, United States: John Wiley & Sons, 2011).