

# CONTINUING EDUCATION MODULE QUIZ

## “ACOUSTIC DESIGN OF GREEN BUILDINGS FOR COMMUNICATIONS, PRIVACY, AND PRODUCTIVITY”

Name: \_\_\_\_\_ AIA Member # (if applicable): \_\_\_\_\_

Firm Name: \_\_\_\_\_ City/State: \_\_\_\_\_

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Mark the choice that best represents the answer[s] to each question.

1. Designing for Acoustic Comfort should consider the following elements, except:
  - A. Speech intelligibility
  - B. Speech privacy
  - C. Low distractions and annoyance
  - D. Thermal comfort
  - E. Concentration where appropriate
2. Current approaches to building design and construction are not meeting the occupant's indoor environmental quality, Acoustic needs.
  - A. True
  - B. False
3. The Center for the Built Environment has developed a post occupancy survey to evaluate various attributes. Which attribute represents the greatest area of dissatisfaction for occupants?
  - A. Lighting
  - B. Air Quality
  - C. Acoustics
  - D. Office Layout
4. Which of the LEED ratings systems currently includes two credits that address the acoustical design of the space?
  - A. LEED for Healthcare
  - B. LEED for Retail
  - C. LEED for Schools
  - D. LEED Core and Shell
5. What activity does a knowledge worker spend the majority of their time on during a typical day where acoustics is important?
  - A. Meetings
  - B. Computer/Quiet Time
  - C. Chores
  - D. Phone
6. What area represents the highest cost to a facility?
  - A. Manpower/People
  - B. Technology
  - C. Operations
7. What key factors in a healthcare environment are affected by poor acoustics?
  - A. Medical errors
  - B. Extended healing time
  - C. Overhearing confidential information
  - D. Only A and C
  - E. All of the above
8. For school buildings, there is a standard for the design requirements and guidelines for a classroom to meet a proper level of acoustical performance. What is the standard?
  - A. LEED credit for acoustics
  - B. Green Guidelines for Healthcare
  - C. ANSI Standard S12.60
9. In an exposed structure space (no ceiling treatment), what are the key issues to solve for occupants in terms of acoustics?
  - A. Reflections and echoes
  - B. Duct breakout noise
  - C. Lack of sound absorption
  - D. All of the above
10. In a closed plan office design, the goal for occupants is to achieve intelligibility within and speech privacy between offices, resulting in what level of privacy?
  - A. Normal or Non-Intrusive Privacy
  - B. Confidential Privacy
  - C. No Privacy

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**\*\*NOTE: IDCEC members are still required to self-report.\*\***

**THANK YOU!**