

CONTINUING EDUCATION MODULE QUIZ

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

Name: _____ AIA Member # (if applicable): _____

Firm Name: _____ City/State: _____

E-mail: _____ Phone: _____

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!