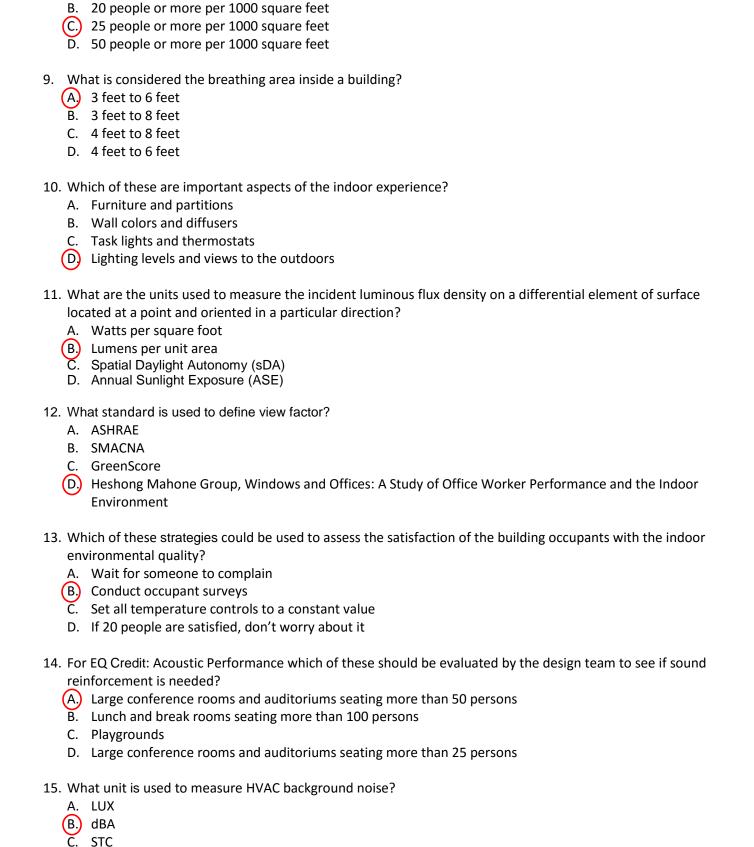
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GBLCC Section 4: Green Building Core Concepts and Application Strategies: Indoor Environmental Quality

- 1. The Indoor Environmental Quality (EQ) credit categories addresses which of these conditions inside a building?
 - A. Energy use, lighting, plug loads, HVAC efficiency
 - B. Building orientation, night venting, operable windows, environmental tobacco smoke
 - (C.) Air quality, lighting, acoustics, occupant experience
 - D. Lighting, acoustics, operable windows, HVAC efficiency
- 2. Building materials such as paints, adhesives, flooring, composite wood, insulation, wall materials, and furniture may emit which of these indoor air quality concerns?
 - A. Mold
 - B. VOCs
 - C. Methane
 - D. Radon
- 3. Which of these describes the rating used by LEED for Air Handling Unit (AHU) filters?
 - A. The higher the MERV rating the fewer the particulates captured by the filter.
 - B. The lower the MERV rating the greater the particulates captured by the filter.
 - (C.) The higher the MERV rating the greater the particulates captured by the filter.
 - D. A MERV of 8 is better than a MERV of 13 for capturing more particles in the air
- 4. Which of these strategies is the best way to prevent indoor pollutants?
 - (A) Eliminate or control them at the sources
 - B. Install proper ventilation to remove any pollutants that enter
 - C. Reduce the use of adhesives and paints
 - D. Store cleaning products in a separate cabinet
- 5. What standard does LEED encourage projects to use to protect the indoor air quality during construction?
 - A. ASHRAE
 - B. Green Seal
 - C.) SMACNA
 - D. IESNA
- 6. What standard is used by LEED to ensure that an adequate ventilation system is selected by the design team that will supply ample outside air to the occupants?
 - A. ASHRAE 90
 - B. ASHRAE 55
 - C. ASHRAE 52
 - (D) ASHRAE 62
- 7. Which of these strategies would help in improving the indoor air quality during construction?
 - A. Keep employee break areas located outside the building
 - B. Keep the building clean during construction
 - C. Keep smoking to within 25 feet of the building
 - D. Keep the permanent air handling units running constantly



8. Which of these areas is considered a densely occupied space?

A. 15 people or more per 1000 square feet

D. Hz

- 16. What are the two options projects can use to earn EQ Credit: Indoor Air Quality Assessment?
 - A. Bake-Out or Surveys
 - B. Flush-Out or Surveys
 - C. Bake-Out or Air Testing
 - (D.) Flush-Out or Air Testing
- 17. What should a Healthcare project due if a material being stored on-site and installed is damaged by moisture?
 - A. Immediately burn the damaged material and replace with new, undamaged materials
 - B. Immediately report the incident to the moisture control officer and fine the contractor responsible
 - C. Immediately remove from site and properly dispose of any materials susceptible to microbial growth and replace with new, undamaged materials
 - D. Spray the product with mold kill and let it dry before installing it to avoid buying new material and increasing the project's cost
- 18. What is the intent of EQ Credit: Low Emitting Materials?
 - A. To eliminate entirely the use of products that contain harmful VOCs.
 - B. To reduce concentrations of chemical contaminants that can damage air quality, human health, productivity, and the environment.
 - C. To reduce the amount of environmental tobacco smoke from entering the building.
 - D. To provide high-quality indoor environments for building occupants and increase worker productivity
- 19. What is the LEED standard for minimum indoor air quality?
 - A. ASHRAE 90
 - B. ASHRAE 55
 - (C.) ASHRAE 62
 - D. SMACNA
- 20. What factors of thermal human comfort can a LEED design team provide individuals control of inside a building?
 - (A) Air temperature and humidity
 - B. Metabolism and clothing
 - C. Daylight and views
 - D. Acoustics and temperature