

## Part 6 – Indoor Environmental Quality

### Review Questions

1. **Which of the following is not a category of IEQ?**
  - a. Air Quality
  - b. Interior design
  - c. Thermal Comfort
  - d. Lighting
  - e. Noise
  
2. **Which indoor air contaminant causes feelings of “stuffiness”?**
  - a. Radon
  - b. Carbon dioxide
  - c. Carbon monoxide
  - d. Particulate matter
  
3. **Who should treat health problems?**
  - a. Medical community
  - b. Facility manager
  - c. Building Operator
  - d. Fire Chief
  - e. Electrician
  
4. **Effective communication is clear, concise, and:**
  - a. Respectful
  - b. Organized
  - c. Wordy
  - d. Digital
  
5. **Which of the following conditions DOES NOT promote the growth of mold:**
  - a. Mold spores
  - b. Warm temperatures
  - c. Moisture
  - d. Nutrients
  - e. CO2 levels
  
6. **Which factor is the most important to control to prevent mold growth?**
  - a. Temperature
  - b. Moisture
  - c. Nutrients
  - d. Air Flow
  - e. Spores

# Fundamentals of Energy Efficient Building Operations



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7. **What impacts thermal comfort? Check all that apply.**
    - a. Air temperature
    - b. Surface temperature
    - c. Fresh Air
    - d. Relative Humidity
    - e. Air Velocity
    - f. All of the above
  
  8. **What are the 5 benchmarks for good IEQ practice?**
    - a. Dry, Clean, Comfortable, Control Pollutants, Minimum Outside Air.
    - b. Dry, Clean, Comfortable, Control Pollutants, Adequate Ventilation.
    - c. Dry, Clean, Comfortable, Eliminate Pollutants, Adequate Ventilation.
    - d. Dry, Clean, Warm, Control Pollutants, 100% Outside Air.
  
  9. **Which of the following is NOT an exterior pollutant source?**
    - a. Vehicle Exhaust
    - b. Kitchen Odors
    - c. Soil Gas
    - d. Poor Outdoor Air Quality
    - e. Re-Entrainment
  
  10. **What minimum filter type is needed to filter bacteria?**
    - a. MERV 1-4
    - b. MERV 5-8
    - c. MERV 9-12
    - d. MERV 13-16
    - e. MERV 17-20