Assignment 8
The due date for submitting this assignment has passed.
All per our records you have not submitted this assignment.

1. By reducing the thickness of material, ____________ 1 point
   - Specific heat increases
   - Conductivity increases
   - Conductance decreases
   - Conductance increases
   - None of the Above
   - No, the answer is incorrect.

2. The concrete wall has a thickness of 50 cm, and its R-value is ____________ 1 point
   - 2.00
   - 1.54
   - 1.00
   - 0.50
   - None of the Above
   - No, the answer is incorrect.

3. For selecting a glass for a building, we should be aware of which properties of glass: ____________ 1 point
   - Only SHGC
   - Only U-value
   - Only VT
   - Only VT and U-value
   - Only SHGC, VT, and U-value
   - All the Three (SHGC, VT and U-value)
   - No, the answer is incorrect.

4. The cool roof has the properties of ____________ 1 point
   - High reflectance and low emissivity
   - Low reflectance and high emissivity
   - High reflectance and low emissivity
   - Low reflectance and high emissivity
   - None of the Above
   - No, the answer is incorrect.

5. Which of the following glass types is better for snowy and reed-infested areas? ____________ 1 point
   - Clear glass
   - Dark reflective bronze tint
   - Solar control film on white
   - Spectrally selective low-e with green tint 0.49 0.23
   - Clear glass
   - Dark reflective bronze tint
   - Spectrally selective low-e (solar control)
   - Spectrally selective low-e with green tint 0.49 0.23
   - No, the answer is incorrect.

6. Function of VMC in a HVAC system is ____________ 1 point
   - To keep the amount of air flow
   - To keep the set point temperatures
   - To keep the refrigerant temperature
   - To keep the refrigerant flow
   - No, the answer is incorrect.

7. Prescribed maximum U-factor for the temperate climate is higher compared to other climates because temperate climate has ____________ 1 point
   - Lower annual temperature difference in temperature
   - Annual peak temperature is higher
   - Annual mean temperature is lower
   - High humidity all through the year
   - No, the answer is incorrect.

8. According to ASHRAE 21.2, if the solar heat is restricted to be transmitted through the window ____________ 1 point
   - True
   - False
   - No, the answer is incorrect.

9. There are two types of compliance approaches for Lighting Power Density (LPD). One is space function method and another one is ____________ 1 point
   - Space area method
   - Building area method
   - Building volume method
   - Building density method
   - No, the answer is incorrect.

10. The building produces (through renewable energy sources) as much energy as it consumes at the building level, such building is called as ____________ 1 point
    - Net-zero site energy building
    - Net-zero source energy building
    - Net-zero energy conversion building
    - Net-zero energy emission building
    - No, the answer is incorrect.

1. For selecting a glass for a building, we should be aware of which properties of glass: ____________ 1 point
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   - Only U-value
   - Only VT
   - Only VT and U-value
   - Only SHGC, VT, and U-value
   - All the Three (SHGC, VT and U-value)
   - No, the answer is incorrect.