Assignment 4

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

1) Environmental factors that determine human thermal comfort include air temperature, air velocity, Relative Humidity and __________.
   - Grade: 1 point
   - Required Answer: Radiant temperature

2) Thermal comfort index developed based on Indian subjects is
   - Grade: 1 point
   - Required Answer: PMV

3) Hot and humid climate
   - Grade: 1 point
   - Required Answer: Hot and humid climate

4) Example for cold dry climate is
   - Grade: 1 point
   - Required Answer: Garghan

5) The temperature term used in a hot climate region because it has multiple answers
   - Grade: 1 point
   - Required Answer: Low permieter to area ratio and low heat transfer

6) Heat transfer in air
   - Grade: 1 point
   - Required Answer: True

7) By checking the psychometric chart of any place with the help of climate consultant software, we can understand the percentage of comfort hours if the place offers without adding any active or passive design strategies in buildings.
   - Grade: 1 point
   - Required Answer: False

8) Wind removes the air temperature through
   - Grade: 6 points
   - Required Answer: Evaporative cooling process

9) Suggested fire extinguisher time range for general purpose extinguisher with music or speech in a theater is
   - Grade: 1 point
   - Required Answer: 1.5 - 2.5 seconds

10) Three fundamental ways of achieving acoustic control in any space are
    - Grade: 1 point
    - Required Answer: Break, Absorb, Cover