Assignment 1

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-03-13, 23:59 IST.

1) In Southern Hemisphere, winter solstice occurs on

- June 22nd
- Sept 22nd
- March 21st
- December 22nd

No, the answer is incorrect.
Score: 0
Accepted Answers:
June 22nd

2) Determine the local time at Thimpu (Bhutan) located at 90-degree east longitude when the time at Greenwich (UK) at 0-degree longitude is 12:00 noon?

- 6:00 PM
- 3:00 PM
- 9:00 PM
- 4:30 PM

No, the answer is incorrect.
Score: 0
Accepted Answers:
6:00 PM

3) Which scale(s) uses Thermal Acceptability as a parameter in Subjective Evaluation

- ASHRAE scale
4) Which factor(s) is/are responsible for large variations in irradiation among different location on Earth? 

- Atmospheric Depletion
- Duration of Sunshine
- Angle of Incidence
- All of the Above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the Above

5) Which design considerations in Vernacular Buildings in Cold Climate is not true?

- Harness Solar radiation
- Large P/A Ratio
- Protection from Cold Drafts
- Sloped Roofs

No, the answer is incorrect.
Score: 0

Accepted Answers:
Large P/A Ratio

6) Which of the following Thermal Comfort Model was prepared by CBRI, India?

- Predicted mean vote
- KSU Thermal Sensation vote
- Tropical Summer Index
- Index of Thermal stress

No, the answer is incorrect.
Score: 0

Accepted Answers:
Tropical Summer Index

7) Due to body’s heat capacity, how much time should be taken into consideration while evaluating metabolic rate?

- 4 Hours
- 2 Hours
- 1 Hour
8) In Tropical Summer Index, when Air velocity increases
   - TSI Decreases
   - TSI Increases
   - TSI Remains Same
   - TSI Increases to a point & remain same
No, the answer is incorrect.
Score: 0
Accepted Answers:
   - TSI Decreases

9) In Predicted mean vote thermal comfort model, which personal factors are considered
   - State of Health & Acclimatization
   - Clothing & Acclimatization
   - Metabolic Rate & Clothing
   - State of health & Metabolic Rate
No, the answer is incorrect.
Score: 0
Accepted Answers:
   - Metabolic Rate & Clothing

10) Which factors are considered in wind chill index?
   - Wind speed & Temperature
   - Wind speed & Humidity
   - Wind speed & Solar Radiation
   - Wind speed & Altitude
No, the answer is incorrect.
Score: 0
Accepted Answers:
   - Wind speed & Temperature