

X

NPTEL

reviewer4@nptel.iitm.ac.in ▼

Courses » Energy Efficiency, Acoustics and daylighting in Building

Announcements **Course** Ask a Question Progress FAQ

## Unit 2 - Introduction

Register for  
Certification exam

### Course outline

How to access  
the portal

#### Introduction

- Introduction to Environmental Factors-1
- Introduction to Environmental Factors-2
- Introduction to Environmental Factors-3
- Introduction to Environmental Factors-4
- Introduction to Environmental Factors-5
- PDF file of lecture slides (Week 1)
- Quiz : Assignment 1
- Solution of assignment 1

#### Environmental factors and climatic zones

Next Transfer

## Assignment 1

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2019-02-13, 23:59 IST.**

*Note : In Numeric type questions, kindly please enter the numeric value only upto 2 decimal places. Do Not enter units or some other expression as this might evaluate the answer as wrong. eg: if answer is '45.60' then '45.60 degrees' as an answer would be taken as wrong by the computer.*

1) There is a wall located at a latitude of 29 degrees On 21st June 2017, 2 P.M. local time, the declination angle of the sun would be .....

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
(Type: Range) 20,26

**4 points**

2) For a location at a latitude of 29 degrees On 21st June 2019, 2 P.M. local time, the altitude angle of the sun would be .....

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
(Type: Range) 60,65

**4 points**

3) For a location at a latitude of 29 degrees on 21st June 2019, 2 P.M. local time, the azimuth angle of the sun would be (measured clockwise from the north direction) .....

© 2014 NPTEL - Privacy &amp; Terms - Honor Code - FAQs -

A project of



In association with



Funded by

Thermal Comfort	<input type="text"/>
Thermal Design of Buildings	<b>No, the answer is incorrect.</b> <b>Score: 0</b> <b>Accepted Answers:</b> (Type: Range) 25,35
Ventilation	
Fundamentals of Acoustics and Noise	5) If there is a wall which is facing south east at a latitude of 29 degrees on 21st June 2019 at 2 PM local time. wall solar azimuth would be: <b>4 points</b>
Sound Transmission	<input type="text"/>
Noise Control	<b>No, the answer is incorrect.</b> <b>Score: 0</b> <b>Accepted Answers:</b> (Type: Range) 125,135
Fundamentals of Daylighting	
Daylighting Design	
Interaction Session	

[Previous Page](#) [End](#)