

Unit 10 - Week 9

Course outline

How does an NPTEL online course work?

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Lecture 41 Indoor Environmental Quality - I

Lecture 42 Indoor Environmental Quality - II

Lecture 43 Indoor Environmental Quality - III

Lecture 44 Indoor Environmental Quality - IV

Lecture 45 Indoor Environmental Quality - V

Quiz : Assignment 9

Solution for Assignment 9

Week 10

Week 11

Week 12

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Assignment 9

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

Due on 2020-04-01, 23:59 IST.

1) Which of the following indicate the Sick Building Syndrome? 1 point

- A persistent set of health symptoms in > 20% of the occupants
- When all the occupants fall sick at a time
- A persistent set of health symptoms in < 10% of the occupants
- A persistent set of health symptoms in >90% of the occupants

No, the answer is incorrect.
Score: 0

Accepted Answers:
A persistent set of health symptoms in > 20% of the occupants

2) Which of the indoor air pollutants listed below do not show the effects immediately 1 point

- Pesticides
- VOCs
- O3
- Asbestos

No, the answer is incorrect.
Score: 0

Accepted Answers:
Asbestos

3) Which of the following aspect need not be verified to comply with ASHRAE 62.1 standards 1 point

- Outdoor air quality
- IAQ procedure
- Heat transfer from Building envelope
- Ventilation rate procedure

No, the answer is incorrect.
Score: 0

Accepted Answers:
Heat transfer from Building envelope

4) To calculate the required air ventilation rate, two aspects to be considered include floor area and _____. 1 point

- Window proportions
- Number of Occupants
- Material of windows
- Wall area

No, the answer is incorrect.
Score: 0

Accepted Answers:
Number of Occupants

5) VOC mixes with sunlight and _____ in atmosphere to form ground level Ozone, a chemical that has detrimental effects on human health, agricultural crops, forest and ecosystem. 1 point

- Oxygen
- Carbon dioxide
- Nitrogen oxide
- Dust

No, the answer is incorrect.
Score: 0

Accepted Answers:
Nitrogen oxide

6) Which of the following is not an example of composite wood? 1 point

- MDF board
- Particle board
- Wheat board
- Oak board
- Straw board

No, the answer is incorrect.
Score: 0

Accepted Answers:
Oak board

7) The product of WWR and VLT is termed as 1 point

- Sky component
- Effective aperture
- Daylight factor
- Internal Reflective Component (IRC)

No, the answer is incorrect.
Score: 0

Accepted Answers:
Effective aperture

8) If Day light factor for an kitchen is 2% and external illuminance is 5000 lux , what is the average internal illuminance of the kitchen 1 point

- 200 lux
- 100 lux
- 150 lux
- 80 lux

No, the answer is incorrect.
Score: 0

Accepted Answers:
100 lux

9) Interior furniture must meet the ISO TC159 ergonomic standards 1 point

- True
- False

No, the answer is incorrect.
Score: 0

Accepted Answers:
True

10) BIFMA certifies _____ 1 point

- Furniture
- Buildings
- Vehicles
- Electronic goods

No, the answer is incorrect.
Score: 0

Accepted Answers:
Furniture