

Unit 9 - Week 8

Course outline

How to access the portal?

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

- Human Physiology
- Thermal Comfort
- Indoor Environmental Health-1
- Indoor Environmental Health-2
- Problem Solving
- Quiz : Assignment 8

Download Videos

Feedback Link

Assignment 8

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

Due on 2019-09-25, 23:59 IST.

The volume flow rate of air to lungs is proportional to the metabolic rate, which in turn is proportional to

1 point

- latent heat loss
- sensible heat loss
- both sensible and latent heat loss
- none of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
both sensible and latent heat loss

2) One Met is approximately

1 point

- 58 W/m²
- 60 W/m²
- 62 W/m²
- 64 W/m²

No, the answer is incorrect.
Score: 0

Accepted Answers:
58 W/m²

3) Hyperpyrexia takes place when body temperature is more than

1 point

- 40.0 °C
- 40.5 °C
- 41.0 °C
- 41.5 °C

No, the answer is incorrect.
Score: 0

Accepted Answers:
41.5 °C

4) In summer season, the increase of blood flow in veins occurs by

1 point

- respiration
- vasoconstriction
- vasodilation
- none of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
vasodilation

5) The convective heat transfer coefficient in calm air is

1 point

- 3-5 W/m²-K
- 15-20 W/m²-K
- 25-30 W/m²-K
- 30-40 W/m²-K

No, the answer is incorrect.
Score: 0

Accepted Answers:
3-5 W/m²-K

6) Chose the activity resulting the higher Metabolism rate

1 point

- Online gaming, watching television
- Reading, playing chess
- Running, jogging
- Walking, sitting

No, the answer is incorrect.
Score: 0

Accepted Answers:
Running, jogging

7) For air conditioning the operation theater in a hospital, the percentage of outside air in the air supplied is

1 point

- zero
- 20
- 50
- 100

No, the answer is incorrect.
Score: 0

Accepted Answers:
100

8) Legionnaires has symptoms close to

1 point

- Yellow fever
- Jaundice
- Pneumonia
- Skin infection

No, the answer is incorrect.
Score: 0

Accepted Answers:
Pneumonia

9) Fumes particles are normally of the size

1 point

- 0.1 microns
- 0.5 microns
- 1.0 microns
- 2.0 microns

No, the answer is incorrect.
Score: 0

Accepted Answers:
0.1 microns

10) Which of the followings is a Volatile organic compound (VOC)

1 point

- Aromatic hydrocarbons
- Hydrocarbons
- Ethers
- All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the above