Unit 9 - Week 8

Assignment 8

The due date for submitting this assignment has passed. All students who have not submitted this assignment will receive a grace period until the end of the semester. The assignment is due on 2018-09-25, 23:59 IST.

1. The volume flow rate of air that is proportional to the metabolic rate, which is due to be proportional to 1. point

2. Exercise heat loss 1. point

3. Excessive heat loss 1. point

4. Both sensible and latent heat loss 1. point

5. None of the above 1. point

6. The primer to be increased. 1. point

7. Accepted Answers: Both sensory and latent heat loss 1. point

8. The primer to be increased. 1. point

9. Accepted Answers: 

10. Hypothermia takes place when body temperature is below 36°C. 1. point

11. As low as 32°C. 1. point

12. As low as 31°C. 1. point

13. At least 32°C. 1. point

14. Yes, the primer to be increased. 1. point

15. Accepted Answers: Any of the above 1. point

16. In summer season, the increase of blood flow in veins occurs by 1. point

17. Evaporation 1. point

18. Convection 1. point

19. Radiation 1. point

20. None of the above 1. point

21. The primer to be increased. 1. point

22. Accepted Answers: Any of the above 1. point

23. The convective heat transfer coefficient in water is 1. point

24. $30 \text{ W/m}^2 \text{K}$ 1. point

25. $20 \text{ W/m}^2 \text{K}$ 1. point

26. $10 \text{ W/m}^2 \text{K}$ 1. point

27. $10 \text{ W/m}^2 \text{K}$ 1. point

28. No, the primer to be decreased. 1. point

29. Accepted Answers: Any of the above 1. point

30. Choose the activity resulting in the higher Metabolism rate 1. point

31. Cycling, walking, jogging 1. point

32. Running, walking, jogging 1. point

33. No, the primer to be increased. 1. point

34. Accepted Answers: Any of the above 1. point

35. For air conditioning the operation theater in a hospital, the percentage of outside air in the air supplied is 1. point

36. 70% 1. point

37. 50% 1. point

38. 30% 1. point

39. No, the primer to be increased. 1. point

40. Accepted Answers: Any of the above 1. point

41. Legumes that have shown closer to 2. points

42. Beans 2. points

43. Lentils 2. points

44. Peas 2. points

45. No, the primer to be increased. 2. points

46. Accepted Answers: Any of the above 2. points

47. Fusion particle are normally of the size 1. point

48. 0.1 microns 1. point

49. 0.2 microns 1. point

50. 0.3 microns 1. point

51. 0.4 microns 1. point

52. No, the primer to be increased. 1. point

53. Accepted Answers: Any of the above 1. point

54. Identify one of the following in a respiratory compound (RCP) 1. point

55. Amidated hydroxyls 1. point

56. Hydroxyls 1. point

57. Others 1. point

58. All of the above 1. point

59. No, the primer to be increased. 1. point

60. Accepted Answers: Any of the above 1. point