Assignment 9
The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

1. In the context of tennis sportswear the correct statement(s) amongst the following are
   □ Leisure sportswear are worn for longer duration
   □ Leisure sportswear are worn for shorter duration
   □ Leisure sportswear should help body to withstand varying climatic conditions
   □ Leisure sportswear should help body to withstand similar climatic conditions
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Leisure sportswear are worn for longer duration
   Leisure sportswear should help body to withstand varying climatic conditions

2. For active sportswear the correct statement(s) amongst the following are
   □ Active sportswear are worn for longer duration
   □ Active sportswear are worn for shorter duration
   □ Active sportswear are suitable when maximum physical performance is desired
   □ Active sportswear should help body to withstand varying climatic conditions
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Active sportswear are worn for shorter duration
   Active sportswear are suitable when maximum physical performance is desired

3. The ideal release series by normal person in the air
   □ 500 gms/day in resting condition
   □ 1000 gms/day in resting condition
   □ 500 gms/day in high activity condition
   □ 1000 gms/day in high activity condition
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   500 gms/day in resting condition
   1000 gms/day in high activity condition

4. During very windy condition
   □ Conductive heat transfer is prominent from human body
   □ Convective heat transfer is prominent from human body
   □ Radiative heat transfer is very high
   □ Heat transfer is of same amount as conductive, convective and radiative modes
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Conductive heat transfer is prominent from human body

5. The correct statement(s) amongst the following for moisture flux in air
   □ Thicker fabric will have higher moisture flux
   □ Higher diffusion coefficient will result in higher flux
   □ Lower diffusion coefficient will result in higher flux
   □ Moisture flux is independent of diffusion coefficient
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Thicker fabric will have higher moisture flux
   Higher diffusion coefficient will result in higher flux

6. For Endwise Diffusion
   □ Moisture vapour is transmitted between fibres in yarns at certain moisture gradient
   □ Moisture vapour is transmitted through pores between yarns of fabric at certain moisture gradient
   □ Moisture vapour is transmitted by adsorption and desorption by fibres
   □ Moisture vapour is transmitted when there is no moisture gradient
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Moisture vapour is transmitted between fibres in yarns at certain moisture gradient

7. For fibres with higher swelling ability, the correct statement(s) amongst the following are
   □ Increased swelling leads to reduced water vapour transmission of fabric
   □ Increased swelling leads to increased water vapour transmission of fabric
   □ Increased swelling increases internal stresses within yarn
   □ Increased swelling reduces internal stresses within yarn
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Increased swelling leads to reduced water vapour transmission of fabric

8. Mass of moisture vapour transmitted through fabric by convection
   □ Increases with increase in vapor concentration in the air
   □ Decreases with increase in vapor concentration in the air
   □ Increases with increase in temperature of the surrounding air
   □ Decreases with increase in temperature of the surrounding air
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Decreases with increase in vapor concentration in the air

9.  The statement
   □ Should reduce the water drag on the body
   □ Should increase the water drag on the body
   □ Loose fit clothing is suitable for overwear
   □ Tight fit clothing is suitable for overwear
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Decreases with increase in vapor concentration in the air

10. For high wind velocity
    □ Continuous filament yarn is preferred
    □ Staple fibre yarn is preferred
    □ High twist yarn is preferred
    □ Hygroscopic fibre is preferred
    No, the answer is incorrect.
    Score: 0
    Accepted Answers:
    Continuous filament yarn is preferred

11. For high wind velocity
    □ Continuous filament yarn is preferred
    □ Staple fibre yarn is preferred
    □ High twist yarn is preferred
    □ Hygroscopic fibre is preferred
    No, the answer is incorrect.
    Score: 0
    Accepted Answers:
    Continuous filament yarn is preferred