Assignment 9

The due date for submitting this assignment has passed. Due on 2019-10-02, 23:59 IST. As per our records you have not submitted this assignment.

1) The correct statement(s) amongst the following is/are

- ☐ Met is related to clothing insulation
- ☐ Met is related to metabolism
- ☐ Higher tightness factor of knitted fabric gives higher thermal transmittance
- ☐ Higher tightness factor of knitted fabric gives lower thermal transmittance

No, the answer is incorrect.
Score: 0
Accepted Answers:
- Met is related to metabolism
- Higher tightness factor of knitted fabric gives lower thermal transmittance

2) Formation of scar tissue is an indication of

- ☐ First degree burn
- ☐ Second degree burn
- ☐ Third degree burn
- ☐ All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
- Third degree burn

3) As the compressional load applied on fabric increases

- ☐ Thermal resistance increases
- ☐ Thermal resistance remains constant
There is no specific trend for thermal resistance
- Thermal resistance decreases

No, the answer is incorrect.
Score: 0
Accepted Answers:
Thermal resistance decreases

4) The correct statement(s) amongst the following is/are

- Thicker fabric will have lower thermal transmittance
- Thicker fabric will have higher thermal transmittance
- Completely water impermeable fabric has a permeability index of 1
- Completely water impermeable fabric has a permeability index of 0

No, the answer is incorrect.
Score: 0
Accepted Answers:
Thicker fabric will have lower thermal transmittance
Completely water impermeable fabric has a permeability index of 0

5) The lowest and highest practical Clo value for clothing is

- 1 and 2
- 2 and 4
- 0 and 4
- 2 and 6

No, the answer is incorrect.
Score: 0
Accepted Answers: 0 and 4

6) The correct statement(s) amongst the following is/are

- Bulk yarn fabric gives higher thermal conductivity than flat yarn fabric
- Bulk yarn fabric gives lower thermal conductivity than flat yarn fabric
- Thermal resistance of hollow yarn fabric is more than twistless yarn fabric
- Thermal resistance of hollow yarn fabric is less than twistless yarn fabric

No, the answer is incorrect.
Score: 0
Accepted Answers:
Bulk yarn fabric gives lower thermal conductivity than flat yarn fabric
Thermal resistance of hollow yarn fabric is more than twistless yarn fabric

7) The correct statement(s) amongst the following is/are

- Air permeability of fabric made of hollow yarn is more than twistless yarn fabric
- Air permeability of fabric made of hollow yarn is less than twistless yarn fabric
- Microclimate is more effective than fabric thickness for reduction in heat flux of human body
- Microclimate is less effective than fabric thickness for reduction in heat flux of human body

No, the answer is incorrect.
Score: 0
Accepted Answers:
Air permeability of fabric made of hollow yarn is less than twistless yarn fabric
Microclimate is more effective than fabric thickness for reduction in heat flux of human body

8) Amongst the following which of the yarn will exhibit highest wicking height

- 1 point
- 1 point
- 1 point
- 1 point

No, the answer is incorrect.
Score: 0
Accepted Answers:
9) Fabrics made from highly twisted yarn will give

- [ ] Higher thermal conductivity
- [ ] Lower thermal conductivity
- [ ] Higher thermal resistance
- [ ] Lower thermal resistance

No, the answer is incorrect.
Score: 0
Accepted Answers:
Higher thermal conductivity
Lower thermal resistance