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## Unit 11 - Week 9

### Course outline

#### How to access the portal

#### Prerequisite Assignment Zero

#### WEEK 1

#### WEEK 2

#### Week 3

#### Week 4

#### Week 5

#### Week 6

#### Week 7

#### Week 8

#### Week 9

- Clothing Comfort Related to Thermal Transmission Cont.... (unit? unit=39&lesson=40)

## 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 1 point

- 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 1 point

- 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 1 point

- Thermal resistance increases
- Thermal resistance remains constant

Clothing Comfort Related to Thermal Transmission Cont... (unit? unit=39&lesson=41)

Clothing Comfort Related to Thermal Transmission Cont... (unit? unit=39&lesson=42)

Clothing Comfort Related to Thermal Transmission Cont... (unit? unit=39&lesson=43)

Quiz : **Assignment 9 (assessment? name=70)**

Feedback Form (unit? unit=39&lesson=81)

**Week 10**

**Week 11**

**Week 12**

**Text Transcripts**

- 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 **1 point**

- 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 point**

- 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 **1 point**

- 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 **1 point**

- 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**

- Hollow yarn
- Normal Yarn
- Textured yarn
- Twistless yarn

No, the answer is incorrect.

Score: 0

Accepted Answers:

*Twistless yarn*

9) Fabrics made from highly twisted yarn will give

**1 point**

- 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*