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Unit 7 - Week 5

Course outline

How to access the portal

Prerequisite Assignment Zero

WEEK 1

WEEK 2

Week 3

Week 4

Week 5

Tactile Aspects of Clothing Comfort Cont.... (unit? unit=25&lesson=26)

Tactile Aspects of Clothing Comfort Cont.... (unit? unit=25&lesson=27)

Quiz : Assignment 5 (assessment? name=67)

Assignment 5

The due date for submitting this assignment has passed. **Due on 2019-09-04, 23:59 IST.**
As per our records you have not submitted this assignment.

1) Critical buckling force of the fiber is 1 point

- Directly proportional to the Young's modulus of the fiber
- Inversely proportional to the moment of inertia of the fiber
- Inversely proportional to the square of the length of the protruding fiber
- Directly proportional to the moment of inertia of the fiber

No, the answer is incorrect.
Score: 0

Accepted Answers:

Directly proportional to the Young's modulus of the fiber

Inversely proportional to the square of the length of the protruding fiber

Directly proportional to the moment of inertia of the fiber

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

- Intensity of light received by receiver for a filament yarn in uster evenness tester is not zero
- Intensity of light received by receiver for a filament yarn in uster evenness tester is zero
- Hairiness index is dimensionless
- Hairiness index has dimensions

No, the answer is incorrect.
Score: 0

Accepted Answers:

Intensity of light received by receiver for a filament yarn in uster evenness tester is zero

Hairiness index is dimensionless

3) Surface hairiness of fabric can be measured by 1 point

- Low pressure compression testing

Feedback Form
(unit?
unit=25&lesson=77)

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Text Transcripts

- Modified audio pick up method
- Laser counting of fibers
- Low pressure extension testing

No, the answer is incorrect.
Score: 0

Accepted Answers:
Low pressure compression testing
Modified audio pick up method
Laser counting of fibers

4) Finer fiber when compared to coarser fiber will give

1 point

- No prickle sensation at all
- Higher prickle sensation
- Lower prickle sensation
- Initially higher and lower prickle sensation later

No, the answer is incorrect.
Score: 0

Accepted Answers:
Lower prickle sensation

5) Perception of clothing roughness

1 point

- Increases with decrease in moisture content
- First increases and then decreases with increase moisture content
- Increases with increase in moisture content.
- First decreases and then increases with increase in moisture content.

No, the answer is incorrect.
Score: 0

Accepted Answers:
Increases with increase in moisture content.

6) Uster yarn hairiness tester measures

1 point

- Total length of hairs/cm of yarn
- Number of hairs
- Both length and number of hairs
- All hairs longer than 3mm

No, the answer is incorrect.
Score: 0

Accepted Answers:
Total length of hairs/cm of yarn

7) Prickliness in fabric can be assessed by

1 point

- Strength of the yarn
- Imperfections in the yarn
- Unevenness of the yarn
- Hairiness of the yarn

No, the answer is incorrect.
Score: 0

Accepted Answers:
Hairiness of the yarn

8) Tactile aspect of clothing is related to

1 point

- Tensile properties of clothing
- Handle properties of clothing
- Tearing properties of clothing
- Impact properties of clothing

No, the answer is incorrect.

Score: 0

Accepted Answers:

Handle properties of clothing

9) Shirley yarn hairiness tester

1 point

- Usually measures number of fiber longer than 3 mm
- Usually measures total length of hairs per cm of yarn
- Usually measures number of hairs of multiple lengths together
- Usually measures hairiness index

No, the answer is incorrect.

Score: 0

Accepted Answers:

Usually measures number of fiber longer than 3 mm

10) Jster hairiness tester works on

1 point

- Capacitance principle
- Light Scattering principle
- Impedance principle
- Electrical resistance principle

No, the answer is incorrect.

Score: 0

Accepted Answers:

Light Scattering principle