Week 8 Assignment

The due date for submitting this assignment has passed. As per our records, you have not submitted this assignment. Due on 2019-03-27, 23:59 IST.

1) Hairiness is higher in yarn with

- High number of mature fibers
- Lower uniformity ratio
- Lower number of mature fibers
- Higher uniformity ratio

No, the answer is incorrect.
Score: 0
Accepted Answers:
- Lower uniformity ratio
- Lower number of mature fibers

2) Tenacity for highly hairy yarn will be lower

- True
- False

No, the answer is incorrect.
Score: 0
Accepted Answers:
- True

3) Yarns with higher hairiness forms fabric with sharp lustre

- True
- False

No, the answer is incorrect.
Score: 0
Accepted Answers:
- False
Usually measures fiber longer than 10 mm

No, the answer is incorrect.
Score: 0

Accepted Answers:
Usually measures number of fiber longer than 3 mm

5) Uster hairiness tester works on

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

No, the answer is incorrect.
Score: 0

Accepted Answers:
Light Scattering principle

6) When filament yarn is passed through Uster hairiness tester the intensity of light received by receiver is not zero

- True
- False

No, the answer is incorrect.
Score: 0

Accepted Answers:
False

7) Hairiness index tested by Uster hairiness tester is dimensionless

- True
- False

No, the answer is incorrect.
Score: 0

Accepted Answers:
True

8) Surface hairiness of fabric can be measured by

- Low pressure compression testing
- 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

9) Buckling force is

- Directly proportional to Youngs modulus of fiber
- Directly proportional to moment of inertia
- Inversely proportional to Youngs modulus
Inversely proportional to square of the length of protruding fiber

No, the answer is incorrect.

Score: 0

Accepted Answers:
- Directly proportional to Youngs modulus of fiber
- Directly proportional to moment of inertia
- Inversely proportional to square of the length of protruding fiber

10 As the yarn diameter increases for the same twist per unit length

- Angle of fiber obliquity increases
- Twist multiplier increases

No, the answer is incorrect.

Score: 0

Accepted Answers:
- Angle of fiber obliquity increases
- Twist multiplier increases