Week 3 Assignment

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-02-20, 23:59 IST.

1) Longer fibers on comparison with short fibers will give

- Higher strength in yarn 1 point
- Higher evenness in yarn
- Lower strength in yarn
- Lower evenness in yarn

No, the answer is incorrect.
Score: 0

Accepted Answers:
- Higher strength in yarn
- Higher evenness in yarn

2) Fiber length variation can be expressed by

- Dispersion% 1 point
- Uniformity ratio
- 2.5 % span length
- Uniformity index

No, the answer is incorrect.
Score: 0

Accepted Answers:
- Dispersion%
- Uniformity ratio
- Uniformity index

3) 50% span length is

- Lower in value than 2.5% span length 1 point
- Higher in value than 2.5% span length

No, the answer is incorrect.
Score: 0

Accepted Answers:
- Lower in value than 2.5% span length
- Higher in value than 2.5% span length
4) 50% span length is indicative of spinning performance
- True
- False

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

5) Uniformity ratio is
- 50% span length / 2.5% span length
- 2.5% span length / 50% span length
- Mean length / Upper half mean length
- Upper half mean length / Mean length

No, the answer is incorrect.
Score: 0
Accepted Answers:
50% span length / 2.5% span length

6) Effective length is generally less than 50% spanlength
- True
- False

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

7) Short cotton fibers have a length less than
- 12.7 cm
- 12.7 mm
- 25.4 mm
- 25.4 cm

No, the answer is incorrect.
Score: 0
Accepted Answers:
12.7 mm

8) For a cut polyester of equal length the shape of baer sorter diagram will be
- Triangular
- Parabolic
- S shaped
- Rectangular

No, the answer is incorrect.
Score: 0
Accepted Answers:
Rectangular
9) The 2.5% span length and 50% Span length of a cotton fiber are 1.22 inch and 0.41 inch respectively. Calculate the uniformity ratio

- 29.60%
- 31.60%
- 33.60%
- 43.60%

No, the answer is incorrect.
Score: 0
Accepted Answers:
33.60%

10) The 50% span length of a cotton fibre is 15 mm and the uniformity ratio is 46%, The 2.5% span length in mm is approximately

- 32.6
- 42.6
- 52.6
- 62.6

No, the answer is incorrect.
Score: 0
Accepted Answers:
32.6