Assignment 5

Due on 2019-09-04, 23:59 IST.

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Choose correct statement is

1) The drafting results in increasing distance between leading ends of fibres by the amount of

- [ ] draft
- [ ] draft - 1
- [ ] draft + 1
- [ ] draft x 2

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

2) Purpose of drawframe doubling and drafting is to

- [ ] silver mass/unit length
- [ ] reduce short fibres
- [ ] increase fibre length
- [ ] parallelizes fibres

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

3) Standard deviation of mass/unit length $n$ combined slivers ($x_n$) each having standard deviation $\sigma$.

- [ ] $\sigma_n = \sqrt{n}$
- [ ] $\sigma_n = \sqrt{\bar{x}}$
- [ ] $\sigma_n = \sigma / \sqrt{n}$
- [ ] $\sigma_n = \bar{x} / \sigma$

No, the answer is incorrect.
Score: 0
Accepted Answers: $\sigma_n = \sqrt{n}$

4) Sliver doubling

- [ ] compensate mass variation present in input sliver
- [ ] improves blend homogeneity
- [ ] reduces micro dust
- [ ] increase sliver density

No, the answer is incorrect.
Score: 0
Accepted Answers: compensate mass variation present in input sliver

5) Top rollers are covered by synthetic rubber to

- [ ] reduce noise
- [ ] avoid roller slip
- [ ] save steel
- [ ] enhance nip area

No, the answer is incorrect.
Score: 0
Accepted Answers: reduce noise
enhance nip area