The relationship between bundle strength of cotton (g/tex) and Pressley Index (P.I) is

1) Bundle strength = 4.36 * P.I
2) Bundle strength = 5.36 * P.I
3) Bundle strength = 6.36 * P.I
4) Bundle strength = 3.36 * P.I

No, the answer is incorrect.
Score: 0
Accepted Answers: Bundle strength = 5.36 * P.I

The instrument which does not work on CRE or CRL principle in normal condition is

1) Stelometer
2) Pressley fiber strength tester
3) Cambridge extensometer
4) Inclined plane principle

No, the answer is incorrect.
Score: 0
Accepted Answers: Pressley fiber strength tester

The standard gauge length for the tensile testing of yarn is

1) Stelometer
2) Pressley fiber strength tester
3) Cambridge extensometer
4) Inclined plane principle

No, the answer is incorrect.
Score: 0
Accepted Answers: Cambridge extensometer
50 cm
5 cm
25 cm
100 cm

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

5) Which of the following is/are true for tensile strength of fabrics

- Grab strength is higher than ravelled strip tensile strength
- The specimen width for strip test and grab test are generally same
- Jaw faces for grab test are considerably narrower than the specimen width
- Grab strength is lower than ravelled strip test

No, the answer is incorrect.
Score: 0
Accepted Answers:
Grab strength is higher than ravelled strip tensile strength
Jaw faces for grab test are considerably narrower than the specimen width

6) There is no need to fray the fabric in grab test

- True
- False

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

7) Which of the following is true for CSP

- CSP = Breaking load of lea in pound * Count in Ne
- CSP = Breaking load of lea in kg * Count in Tex
- For a certain variety of cotton, the CSP value is almost same
- For a certain variety of cotton, the CSP value is widely different

No, the answer is incorrect.
Score: 0
Accepted Answers:
CSP = Breaking load of lea in pound * Count in Ne
For a certain variety of cotton, the CSP value is almost same

8) The Pressley index for a cotton fiber bundle strength of 4 pound and bundle mass of 2mg is 1 point

- 2
- 8
- 0.5
- 4

No, the answer is incorrect.
Score: 0
Accepted Answers:
2
In a Pressley fibre strength tester the breaking load of a cotton fibre bundle is 5 pound and mass is 4 mg. What will be the (i) Pressley Index and (ii) Bundle tenacity (g/tex)?

- 6.7 and 1.25 respectively
- 1.25 and 6.7 respectively
- 1 and 20 respectively
- 20 and 1 respectively

No, the answer is incorrect.
Score: 0
Accepted Answers:
1.25 and 6.7 respectively

In a tensile tester the mean breaking load of 50 tex yarn is 500 gf. What will be the tenacity of yarn in g/tex?

- 10
- 450
- 550
- 2500

No, the answer is incorrect.
Score: 0
Accepted Answers:
10