Week 9 Assignment

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

1) With increase in temperature, the relative humidity (%) for same absolute humidity

- Increases
- Decreases
- Remains same
- First increases and then decreases

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

2) If Dry bulb temperature equals to wet bulb temperature, of wet and dry bulb hygrometer, the relative humidity will be very low

- True
- False

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

3) The ratio of weight of water present in textile material to oven dry weight of textile material indicates

- Moisture content
- Moisture Regain
- Absolute humidity
- Relative humidity

1 point
Body experiences a sudden cold shock

Body does not experience a cold shock

Clothing absorbs moisture and releases heat

Clothing does not absorb moisture and does not release heat

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

Body does not experience a cold shock
Clothing absorbs moisture and releases heat

5) Higher value of $q_{max}$ indicate cooler fabric 1 point

True
False

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

True

6) Air Permeability of fabrics 1 point

Decreases with increase in twist factor of yarn
Increases with increase in twist factor of yarn
Decreases with increase in filament shape factor
Increases with increase in filament shape factor

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

Increases with increase in twist factor of yarn
Decreases with increase in filament shape factor

7) If the percent moisture content (MC) of a fibre is 8%, its percent moisture regain (MR) would be approximately

6.69%
7.69%
8.69%
9.69%

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

8.69%

8) If the blend is an 60/40 Polyester/Cotton blended material, what will be the official allowable Regain%? 1 point

2.64%
3.64%
4.64%
5.64%

No, the answer is incorrect.
Score: 0
9) 40,000 km of 150 denier yarn at 8.5% moisture content is shipped. If the official moisture regain is 6.0% then the correct invoice weight (kg) is approximately

- 826.6
- 636.6
- 646.6
- 656.6

No, the answer is incorrect.
Score: 0
Accepted Answers: 646.6