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[NPTEL \(https://swayam.gov.in/explorer?ncCode=NPTEL\)](https://swayam.gov.in/explorer?ncCode=NPTEL) » [Science of Clothing Comfort \(course\)](#)
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Unit 4 - WEEK 2

Course outline

How to access the portal

Prerequisite Assignment Zero

WEEK 1

WEEK 2

Psychology and Comfort (unit? unit=12&lesson=13)

Psychology and Comfort Cont..... (unit? unit=12&lesson=14)

Psychology and Comfort Cont..... (unit? unit=12&lesson=15)

Psychology and Comfort Cont..... (unit? unit=12&lesson=16)

Quiz : Assignment 2 (assessment? name=63)

Assignment 2

The due date for submitting this assignment has passed. **Due on 2019-08-21, 23:59 IST.**
As per our records you have not submitted this assignment.

1) As per Weber's Law of Psychophysics, a 2°C difference in temperature is felt most distinctly at **1 point** an ambient temperature of

- 15°C
 25°C
 35°C
 45°C

No, the answer is incorrect.

Score: 0

Accepted Answers:
15°C

2) The rules are most complex amongst which of the following psychological scaling ? **1 point**

- Ordinal Scale
 Interval Scale
 Ratio Scale
 Nominal Scale

No, the answer is incorrect.

Score: 0

Accepted Answers:
Ratio Scale

3) In which of the laws of psychophysics, the relationship between the physical stimulus and internal sensation is/are logarithmic in nature? **1 point**

- Weber's law
 Fechner's law

Feedback Form
(unit?
unit=12&lesson=75)

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Text Transcripts

- Steven's power law
 Dacry's Law

No, the answer is incorrect.

Score: 0

Accepted Answers:

Fechner's law

4) In which of the laws of psychophysics, the relationship between the physical stimulus and internal sensation is/are given? **1 point**

- Weber's law
 Fechner's law
 Steven's power law
 Dacry's Law

No, the answer is incorrect.

Score: 0

Accepted Answers:

Fechner's law

Steven's power law

5) Which of the following is a 7 point scale having bipolar labels that have semantic meaning? **1 point**

- Semantic differential scale
 Staple scale
 Likert Scale
 None

No, the answer is incorrect.

Score: 0

Accepted Answers:

Semantic differential scale

6) The incorrect statement(s) amongst the following with respect to hollow fibers is/are **1 point**

- Hollow fibers performed better at sub-zero temperature because of less number of air pockets in the yarn structure
 Hollow fibers performed better at sub-zero temperature as a result of ability to entrap still air in the fiber architecture
 Hollow fibers performed better at sub-zero temperature as a result of ability to entrap moisture in the fiber architecture
 Hollow fibers performed better at sub-zero temperature as a result of ability to entrap moisture between the fiber architecture

No, the answer is incorrect.

Score: 0

Accepted Answers:

Hollow fibers performed better at sub-zero temperature because of less number of air pockets in the yarn structure

Hollow fibers performed better at sub-zero temperature as a result of ability to entrap moisture in the fiber architecture

Hollow fibers performed better at sub-zero temperature as a result of ability to entrap moisture between the fiber architecture

7) The correct statement(s) amongst the following with regards to failure of through air bonded nonwoven at -100°C is/are **1 point**

- Through air bonded nonwoven failed at -100°C as a result of lighter weight of nonwoven
 Through air bonded nonwoven failed at -100°C as a result of more air entrapment of still air

- Through air bonded nonwoven failed at -100°C as a result of condensation of moisture while the air travelled through the thicker middle layer
- Through air bonded nonwoven failed at -100°C as a result of lower thickness of nonwoven

No, the answer is incorrect.

Score: 0

Accepted Answers:

Through air bonded nonwoven failed at -100°C as a result of condensation of moisture while the air travelled through the thicker middle layer

8) The correct statement(s) amongst the following at lower ambient temperatures for jacket made up of fine fibers is/are **1 point**

- Jackets made from fine fibers fail at lower ambient temperature as a result of more entrapment of still air
- Jackets made from fine fibers fail at lower ambient temperature as a result of more porosity of the produced nonwoven structure
- Jackets made from fine fibers fail at lower ambient temperature as a result of less porosity or air volume
- Jackets made from fine fibers fail at lower ambient temperature as a result of lower thickness of nonwoven produced from fine fibers

No, the answer is incorrect.

Score: 0

Accepted Answers:

Jackets made from fine fibers fail at lower ambient temperature as a result of less porosity or air volume

9) The correct statement(s) amongst the following, regarding the term "body" of the fabric is/are **1 point**

- It is the overall substance of the fabric between the edges
- It can be objectively measured by measuring the mass per unit area of the fabric
- It is related to the porosity of the fabric
- It can be estimated using the expressions "clinging –flowing" or "limp-crisp" in subjective evaluation

No, the answer is incorrect.

Score: 0

Accepted Answers:

It is the overall substance of the fabric between the edges

It can be objectively measured by measuring the mass per unit area of the fabric

It is related to the porosity of the fabric

10) The correct statement(s) amongst the following, regarding the term "Drape" of the fabric is/are **1 point**

- It is expressed as clinging-flowing, dead-lively, limp-crisp, sleazy-full etc.
- It is perception of total substance of fabric during use
- It is the free fall of the fabric under its own weight
- It can be measured by drape meter

No, the answer is incorrect.

Score: 0

Accepted Answers:

It is expressed as clinging-flowing, dead-lively, limp-crisp, sleazy-full etc.

It is the free fall of the fabric under its own weight

It can be measured by drape meter

