

- Q.26 Write Importance of moisture content in textile material.
- Q.27 How will you determine T.P.I. of single Yarn?
- Q.28 Explain briefly types of Twist.
- Q.29 Define stiffness. how it is measured?
- Q.30 How Crimp of yarn is measured.
- Q.31 Name various types of textile strength testing.
- Q.32 How will you measure crease resistance of fabric.
- Q.33 Describe the method of measurement of flame resistance of fabric.
- Q.34 Write a note on fabric serviceability.
- Q.35 How drape of fabric is measured?

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 What are the aims and scope of Textile Testing? Explain in detail.
- Q.37 Explain different systems of yarn numbering with suitable Examples.
- Q.38 What is difference between water Resistance and water proof ? Explain in detail working and mechanism of spray tester for measuring water resistance.

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Roll No.

3rd Sem / Branch : Textile Processing, Text Chem

Subject:- Textile Physical Testing

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Which of these are objective of textile testing.
- Research
 - Process Control
 - Process development
 - All of these
- Q.2 Moisture regain of wool is.
- 7%
 - 9%
 - 11%
 - 17%
- Q.3 Relative humidity of standard testing atmosphere is.
- 35%
 - 90%
 - 65%
 - 100%
- Q.4 "S" and "Z" are types of.
- Drape
 - Crimp
 - Twist
 - Abrasion

- Q.5 Weight of water expressed as a percentage of total weight of material is ...?
- a) Moisture regain b) Moisture Content
c) Relative humidity d) Turbidity
- Q.6 Sample is ____ Part having all characteristics of population.
- a) Largest b) Smallest
c) Same d) None of these
- Q.7 What does "T" Stands for in T.P.I.?
- a) Time b) Twist
c) Total d) Tight
- Q.8 Which of these is not fabric dimension ?
- a) Length b) Weight
c) Thickness d) Width
- Q.9 No. of 1000metres of yarn present in 1 kg of yarn is.....?
- a) English Count b) Metric count
c) Tex d) Denier
- Q.10 Bending length is associated with.....?
- a) stiffness b) Crease
c) Handle d) Strength

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Define Simple.
Q.12 Define E.P.I.
Q.13 Define Twist.
Q.14 Define Drape.
Q.15 Define Moisture Regain.
Q.16 Define Denier.
Q.17 Define English Count
Q.18 Define fabric crimp.
Q.19 Define Abrasion.
Q.20 Define Pilling.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Describe sampling technique used for fabric
Q.22 Name the factors affecting sampling techniques.
Q.23 Define relative humidity and how it is measured?
Q.24 How will you find count of yarn in fabric using Beesley's balance.
Q.25 Describe the method of measurement of fabric thickness.