

- Q.26 How count of yarn in fabric is measured using Beesley's balance?
- Q.27 Write method for measurement of T.P.I. of single yarn.
- Q.28 Explain different types of Twist.
- Q.29 Name various types of textile strength testing.
- Q.30 How crimp of yarn is measured?
- Q.31 Define stiffness. How it is measured?
- Q.32 How drape of fabric is measured using drapemeter?
- Q.33 Describe the method of measurement of flame resistance of fabric.
- Q.34 How will you measure crease resistance of fabric.
- Q.35 Write brief note on fabric serviceability.

SECTION-D

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

- Q.36 What are different aims and scope of Textile Testing? Explain
- Q.37 Differentiate between Water Resistance and Water proof? Write working and mechanism of spray tester for measuring water resistance.
- Q.38 What are various systems of yarn numbering? Explain with suitable examples.

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Textile Processing **Subject:- Textile Physical Testing**

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 Relative humidity of standard testing atmosphere is
 a) 35% b) 90%
 c) 65% d) 100%
- Q.2 Sample is _____ part having all characteristics of population
 a) Largest b) Smallest
 c) Same d) None of these
- Q.3 Moisture regain of wool is
 a) 7% b) 9%
 c) 11% d) 17%
- Q.4 "S" and "Z" are types of
 a) Drape b) Crimp
 c) Twist d) Abrasion

Q.5 Which of these are objective of textile testing

- a) Research
- b) Process control
- c) Process development
- d) All of these

Q.6 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.7 Which of these is not fabric dimension?

- a) Length
- b) Weight
- c) Thickness
- d) Width

Q.8 Bending length is associated with _____?

- a) Stiffness
- b) Crease
- c) Handle
- d) Strength

Q.9 No. of 1000 metres of yarn present in 1 Kg of yarn is _____?

- a) English count
- b) Metric count
- c) Tex
- d) Denier

Q.10 What does "T" stands for in T.P.I?

- a) Time
- b) Twist
- c) Total
- d) Tight

SECTION-B

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

Q.11 Define Sample.

Q.12 Define Moisture Regain

Q.13 Define Fabric crimp

Q.14 Define Twist.

Q.15 Define E.P.I.

Q.16 Define Denier.

Q.17 Define English count

Q.18 Define Drape.

Q.19 Define Pilling.

Q.20 Define Wear.

SECTION-C

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

Q.21 Describe the method of sampling of fabric?

Q.22 Name factors affecting sampling techniques.

Q.23 Define relative humidity and how it is measured?

Q.24 Write Importance of moisture content in textile material.

Q.25 Describe how fabric thickness is measured.