

- Q.30 Explain the working of Shirley stiffness tester.
 Q.31 Explain the phenomenon of crimp interchange in brief.
 Q.32 Describe the procedure of measuring drape.
 Q.33 Explain the working of fabric thickness tester in brief.
 Q.34 What are the precautions to be taken while taking fabric sample?
 Q.35 Differentiate between cut strip and revelled strip method.

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain the procedure of measuring tensile strength tester with the help of illustrated diagram.
 Q.37 Describe five important fabric defects, their causes and remedies measures.
 Q.38 Explain the working principle of bursting strength tester with the help of neat and clean diagram.

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5th Sem. / Textile Design

Subject:- Testing & Quality Control - II

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 The full form of CSP is
 a) Count single product
 b) Common strength product
 c) Count strength product
 d) None
- Q.2 The following is a measure of fiber weight
 a) CRT b) GSM
 c) CRL d) None
- Q.3 The small balls appeared on the surface of fabric is known as
 a) Hariness b) Waviness
 c) Pills d) None
- Q.4 Anvil is a term related to following equipment
 a) Thickness tester b) Crimp tester
 c) Tearing tester d) None
- Q.5 Picks Per Inch of fabric is also called as
 a) TPI b) PPI
 c) EPI d) CPI

- Q.6 Which instrument is used to test crimp of yarn?
 a) Tearing tester b) Drape meter
 c) Crimp tester d) None
- Q.7 The property how a fabric falls vertically due to its own weight is known as
 a) Abrasion b) Drape
 c) Crease d) Crimp
- Q.8 Cut strip method is performed to test the
 a) Crease resistance b) Tensile property
 c) Tearing property d) Thickness
- Q.9 For filter fabric _____ testing is done.
 a) Tearing strength b) Tensile strength
 c) Bursting strength d) None
- Q.10 Before testing a fabric sample _____ process is necessary.
 a) Scouring b) Bleaching
 c) Conditioning d) None

SECTION-B

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

- Q.11 Write the Peirce's formula.
- Q.12 Define cloth cover.
- Q.13 Write the full form of CRL and CRE.
- Q.14 Give full form of TPI & TPM.
- Q.15 The resistance of a fabric to bending is defined as _____.

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- Q.16 Flexural rigidity of a fabric is associated with fabric stiffness. (True/False)
- Q.17 The drape co-efficient ranges from 0 to 1. (True/False)
- Q.18 ICI pill box tester is used to measure _____ property of fabric.
- Q.19 Give full form of GSM.
- Q.20 Define handle property of fabric.

SECTION-C

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

- Q.21 Write the working principle of single yarn strength tester.
- Q.22 Explain the procedure for GSM measurement of fabric.
- Q.23 What do you understand by Cloth cover factor?
- Q.24 Define the terms
 a) Serviceability b) Wear
- Q.25 How will you calibrate tearing strength tester? Explain in brief.
- Q.26 Explain the working principle of grab test method.
- Q.27 What are the factors affecting the tensile properties of textiles?
- Q.28 Explain the working principle of crease recovery tester.
- Q.29 Draw the illustrated diagram of ICI pill box tester.

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