

No. of Printed Pages : 4
Roll No.

222554

**5th Sem. / Textile Design
Subject : Testing & Quality Control -II**

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple Choice Questions. All Questions are compulsory. (6x1=6)

- Q.1 The waviness in warp and weft in the cloth in known as
a) Crimp b) EPI
c) PPI d) None
- Q.2 Anvil and pressure foot are the components of
a) Tensile strength tester b) Bursting strength tester
c) Thickness tester d) None
- Q.3 For parachute cloth we do _____ type of strength testing.
a) Tensile b) Bursting
c) Tearing d) None
- Q.4 Bending length is a measure of _____ property of fabric.
a) Crimp b) Pilling
c) Stiffness d) None

Q.5 The small balls appeared on the surface of fabric is known as

- a) Hairiness b) Waviness
- c) Pills d) None

Q.6 Cut strip method is performed to test the

- a) Crease resistance b) Tensile property
- c) Tearing property d) Thickness

Section-B

Note: Objective/Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

Q.7 Give full form of CSP.

Q.8 What is pilling?

Q.9 Define crimp.

Q.10 _____ instrument is used to measure fabric stiffness.

Q.11 Moisture regain of wool is _____.

Q.12 Grab test method is used to measure _____ property of fabric.

Section-C

Note: Short answer type Question. Attempt any eight questions out of Ten Questions. $(8 \times 4 = 32)$

Q.13 Define raveling strip method.

Q.14 Write down the importance of yarn strength.

Q.15 Write down the procedure for measuring bending length.

Q.16 Describe working principle of fabric thickness tester.

Q.17 Define crimp and write down the formula to calculate crimp %.

Q.18 What do you mean by serviceability? Write the factors which affects serviceability.

Q.19 Explain CRE and CRL principle in short.

Q.20 What do you understand by Cloth cover factor.

Q.21 Explain the working principle of crease recovery tester.

Q.22 Define ICI pill box tester in brief.

Section-D

Note: Long answer questions. Attempt any two question out of three Questions. $(2 \times 8 = 16)$

Q.23 Explain the working principle of single yarn strength tester with the help of illustrated diagram.

Q.24 Explain the working principle of tearing strength tester in detail.

Q.25 Calculate warp and weft cover factor of a fabric if EPI is 40, PPI is 35 and count of warp is 20^s Ne and weft is 20^s Ne.