

V Semester B.Sc. (FAD) Examination, November/December 2015  
(NS)  
(2013 – 14 & Onwards)  
**FASHION AND APPAREL DESIGN**  
**FAD – 503 A – Textile Testing**

Time : 3 Hours

Max. Marks : 70

**Instructions :** 1) **All questions in Section – A are compulsory.**  
2) **Answer any four questions from Section – B and C.**

SECTION – A

I. Answer the following :

(9×2 = 18)

- 1) Define Random sample and Biased sample.
- 2) State any two fibre sampling methods.
- 3) Expand M.C. and M.R.
- 4) Define Tex.
- 5) What is Load Elongation ?
- 6) Mention any two causes of Yarn Irregularity.
- 7) Define Twist.
- 8) What is a Lea ?
- 9) List the instruments used to determine Tensile strength of the fabrics.

SECTION – B

II. Answer **any four** questions :

(4×5 = 20)

- 10) Describe the steps involved in selection of Fabrics for testing.
- 11) How to determine Fibre Length using Bar Sorter technique ?
- 12) How to measure fabric crimp ?

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- 13) How to check colourfastness to rubbing ?
- 14) State the procedure involved in determining fabric weight.
- 15) Explain how to check Bending Rigidity of the given fabrics.

## SECTION – C

III. Answer **any four** questions :

(4×8=32)

- 16) How to check yield point, work of Rupture and Elasticity of the given fabrics ?
  - 17) Explain the steps involved in determining pilling.
  - 18) Describe the procedure involved in determining Lea strength of the yarn.
  - 19) How to determine colourfastness to launching for a silk fabrics ?
  - 20) Describe the principles involved in checking air permeability.
  - 21) Discuss the factors involved in selection of samples for testing.
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