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**2nd Sem. / Fashion Technology
Subject : Textile Fundamentals**

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note:Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Which of the below is a Protein Fibre?

- a) Jute
- b) Cotton
- c) Silk
- d) Polyester

Q.2 The process of opening of Bales is done in:

- a) Carding
- b) Ring frame
- c) Draw frame
- d) Blow room

Q.3 The process of improving lustre of cotton fabric is known as _____

- a) Bleaching
- b) Mercerization
- c) De-sizing
- d) Shearing

Q.4 1 Tex=_____ Denier

- a) 3
- b) 5
- c) 7
- d) 9

Q.5 The cross-section is _____ fibre is bean shaped.

- a) Flax
- b) Wool
- c) Silk
- d) Cotton

Q.6 Fabrics made by intermeshing of loops are known as _____

- a) Knitted
- b) Woven
- c) Non-woven
- d) None of the above

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Define Twist.

Q.8 Define Simple yarn.

Q.9 Give an example of Critical Defect.

Q.10 _____ & _____ are two set of yarns in woven fabrics.

Q.11 In _____ Weave each weft yarn goes over one warp yarn and under the next warp yarn.

Q.12 Give names of any two mechanical finishes.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Draw and explain the structure of Cotton Fibre.

Q.14 Explain the objectives of Carding.

Q.15 Draw and explain basic features of Twill weave.

Q.16 Describe the manufacturing process of Non-woven fabrics.

Q.17 Explain any four Dyeing defects.

Q.18 Explain two types of twist.

Q.19 Explain Bleaching & its importance.

Q.20 Draw and explain Corkscrew yarn.

Q.21 Explain the physical properties of Wool fibre.

Q.22 Describe Indirect system of yarn count.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Explain the process of Spinning of Cotton fibre.

Q.24 Explain various fabric Manufacturing Techniques.

Q.25 Explain various types of Novelty yarns.