

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(TD) (2014 & Onwards) (Sem.-1)

TEXTILE SCIENCE

Subject Code : BScTD-107

M.Code : 70821

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of FIFTEEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any THREE questions.

SECTION-A**1. Define the following :**

- a) Differentiate between Spinning and Weaving.
- b) What do you understand by elasticity property?
- c) Define SWOT analysis.
- d) State the types of silk.
- e) Define Beating up.
- f) Name any four manmade fibers.
- g) Define any two physical properties of yarn.
- h) What is novelty yarn?
- i) State the uses of Spandex fiber.
- j) Give any two examples of latest fibers.
- k) Why is yarn texturing done?

- l) Define ring spinning.
- m) Define scouring.
- n) What is worsted fiber?
- o) State any two properties of Nylon fiber.

SECTION-B

- 2. Give an overview of the major production segments of India in detail.
- 3. Discuss the classification of fibers in detail with the help of a flow chart. Write in detail the source, properties and end use of Flax and Wool fiber.
- 4. Discuss in detail the properties of fibers that effect the aesthetics and durability factor of the finished products.
- 5. What do you understand by yarn Texturing? Discuss how it is done in detail.
- 6. Discuss in detail the process of spinning. What is the difference between ring spinning and open end spinning?
- 7. Discuss in detail preparatory processes of fabric manufacturing.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.