

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(TD) (2014 & Onwards) (Sem.-2)
INTRODUCTION TO CHEMICAL PROCESSING
Subject Code : BScTD-207
M. Code : 71490

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**Q1. Write short notes on the following :**

- a) Oxidizing bleach
- b) Mercerization
- c) Scouring
- d) Singeing
- e) Disperse dyeing
- f) Screen printing
- g) Basic dye
- h) Union dyeing
- i) Batik
- j) Flocking
- k) Desizing
- l) Color
- m) State any two printing defects
- n) Grading
- o) Degumming

SECTION-B

- Q2. What do you understand by fabric impurities? Discuss the classification and characteristics of impurities in detail.
- Q3. Write in detail about the various kinds of dyes available and their suitability according to fabric type.
- Q4. Discuss in detail the preparatory process of cotton and blends.
- Q5. Explain the following special types of dyeing :
- a) Cross dyeing
 - b) Union dyeing
- Q6. Discuss in detail the equipment used in dyeing. What are dyeing defects? Elaborate.
- Q7. What is printing? Write notes on the following methods of printing:
- a) Rotary screen printing
 - b) Roller printing

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