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B.Sc.(FD) (2013 to 2017) (Sem.-2)

DYEING AND PRINTING

Subject Code : BSc FD-211

M.Code : 71504

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 consists of THREE Sub-sections : Units-I, II & III.**
3. **Each Sub-section contains TWO questions, carrying TEN marks each.**
4. **Student has to attempt any ONE question from each Sub-section.**

SECTION-A

Q1. Attempt all questions in brief :

- Define Singeing.
- What are impurities?
- Name the process which burns off projected fibres from the fabric surface.
- Which are the strongest and the weakest inter-polymer force of attraction on application of dye on textile?
- What is union dyeing?
- Name two fibres that can readily be dyed with disperse dyes.
- What is beam dyeing?
- Name two substances that can be used as resist in dyeing.
- Write two styles of printing.
- Define Duplex print.

- k) Difference between dyeing and printing.
- l) Types of resist dyeing
- m) Stages of dyeing
- n) Yarn dyeing
- o) Acid dyes

SECTION-B

UNIT-I

- Q2. What is grey fabric and give classification of Impurities?
- Q3. Write brief note on desizing, scouring, mercerization and bleaching.

UNIT-II

- Q4. Differentiate dyes and pigments and discuss process of application of dyes on textiles.
- Q5. Give classification of dyes and write brief description of all classes of dyes.

UNIT-III

- Q6. What is the impact of dyeing and printing on the environment?
- Q7. What are important features, advantages and limitations of hand screen, Flat bed screen and rotary screen printings?

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.