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Total No. of Pages : 02

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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 :**

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

