

Roll No.

Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(FD) (Sem.-3)

DYEING AND PRINTING TECHNIQUES

Subject Code : BSFD-301-18

M.Code : 76617

Date of examination : 12-12-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS 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 each, carrying **TEN** marks each.
4. Student has to attempt any **ONE** question from each Sub-section.

SECTION-A

1. Fill in the blanks :

- _____ material other than fibre found in raw or processed stock.
- _____ is the application of direct flame onto the surface of yarn or fabric.
- _____ is the process of removing the size material from warp yarns in woven fabrics.
- Most effective bleaching agent for cotton is _____.
- _____ finishing treatment for cellular fabric and yarn improve dye uptake and strength.
- _____ element of art produced when light striking an object is reflected back to the eye.
- Dyes that react with the fibers and form covalent bonds are called _____ dyes.
- Direct dyes have _____ light fastness and _____ wash fastness.
- Thickening agents used on the printing techniques are _____ and _____.

- j) Dyes when applied on Fabric in solubilised form and is termed as _____
- k) The function of common salt in the dye bath of direct dyes on cotton as an _____ agent
- l) Cross dyeing gives _____ effect to the fabric.
- m) _____ textile is fabrics or yarns produced with a combination of two or more types of different fibers.
- n) Printing styles are classified as _____, _____ Or _____
- o) Indigo belongs to _____ class of dyes.

SECTION-B

UNIT-I

2. Define grey fabric and characteristics of impurities in detail?
3. Describe dyeing of cellulosic fabric with azoic dyes and reactive dyes?

UNIT-II

4. Discuss the methods can be used for printing of fabric in detail?
5. Define dyes? Discuss the stages of dyeing at yarn stage?

UNIT-III

6. Discuss the stages of preparatory dyeing in detail?
7. Define the term environmental concern and discuss it in detail?

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.