

Roll No.

Total No. of Pages : 02

Total No. of Questions : 07

M.Sc.(FMM)

(Sem.-2)

FABRIC STUDY-II (An Overview of Textile Technology)

Subject Code : MSFMM-209-18

M.Code : 76004

Date of Examination : 21-12-2022

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN 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. **Attempt any FOUR questions, ONE from each Sub-section and fourth from any sub-section.**

SECTION-A

- 1. Answer the following :**

- a) What are knits?
- b) Give two uses of knitted fabric.
- c) _____ is a knitted fabric.
- d) What are dyes?
- e) _____ is a natural dye.
- f) Explain dye sublimation.
- g) What pigments are used for?
- h) Explain mercerizing.
- i) What are temporary finishes? Give example.
- j) Name fabrics on which reactive dyes can be used.

SECTION-B

UNIT-I

2. Write a brief on the classification of knits.
3. Draw the diagrammatic notation for the following structures
 - a) Single jersey
 - b) 1×1 Rib Fabric
 - c) Purl Fabric (1×1)
 - d) 1×1 interlock fabric

UNIT-II

4. Differentiate between dyes and pigments with examples.
5. Classify dyes with examples.

UNIT-III

6. How fabric printing is done? Discuss a few methods for textile printing.
7. What are fabric finishes? What is their purpose?

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.