

2053

B. Voc. (Fashion Technology and Apparel Design)

Fourth Semester

FTD-403: Fabric Handling and Raw Materials

Time allowed: 3 Hours

Max. Marks: 30

**NOTE:** Attempt five questions in all, including Question No. I which is compulsory and selecting one question from each Unit.

x-x-x

I. (a) Explain the following terms in 2 lines:

i) Absorbency

ii) Twist

iii) Filament

(3x1)

(b) Fill in the blanks:

i) Composition of silk is same as wool except for \_\_\_\_ is only present in silk.

ii) A fibre with good \_\_\_\_ crease less often.

iii) Weaving pattern forming a diagonal ladder is called \_\_\_\_ weave.

(3x1)

### UNIT - I

II. What do you understand by the term fibre? Classify them based on origin.

(6)

III. What do you understand by twist? Explain its types and role in elasticity.

(6)

### UNIT - II

IV. Explain the manufacturing process of Nylon-6,6.

(6)

V. List and explain physical and chemical properties of wool.

(6)

### UNIT - III

VI. Explain weaving as a fabric construction technique.

(6)

VII. Write a short note on defects of dyed and printed fabrics.

(6)

### UNIT - IV

VIII. What are the various challenges faced while handling heavy fabrics as compared to sheer fabrics?

(6)

IX. Write a note on ways to handle slippery fabrics while garment construction.

(6)

x-x-x