

2056

B. Voc. (Fashion Technology and Apparel Design)
Fourth Semester
FTD-403: Fabric Handling and Raw Materials

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. Write short notes on any four of the following:-

- a) Filament
- b) Moisture regain
- c) Nylon
- d) What is lustre?
- e) Printed fabric defect

(4x2)

UNIT – I

- II. Define yarn and fabric. Classify textile fibers on the basis of their origin. (8)
- III. What are the main properties of textile fibers? Explain strength, absorbency, elasticity and flammability in brief. (8)

UNIT – II

- IV. Describe the manufacturing process of cotton fiber. Write its properties and end-uses. (8)
- V. Explain manufacturing process of wool and silk fibers. Give two differences between them. (8)

UNIT – III

- VI. Explain the different types of fabric construction: weaving, knitting, bonded fabric, felted fabric, lace and braided fabric. (8)
- VII. What are fabric defects? Explain briefly yarn defects, weaving defects, knitted fabric defects and processing defects with examples. (8)

UNIT – IV

- VIII. What are special fabrics? Explain problems and precautions while handling slippery fabrics like satin and sheers like lace/net during sewing. (8)
- IX. Explain handling of heavy weight fabrics like denim and drills. Also describe precautions for reversible fabrics and leathers. (8)

x-x-x