B. Tech.

(SEM. IV) EXAMINATION, 2006-07

PRINCIPLES OF FABRIC MANUFACTURE

Time : 3 Hours] [Total Marks : 100

Note : Attempt all questions.

1. What is the object of winding? What care should be taken during winding?

   OR

1. Discuss winding faults and their remedies?

2. Classify various types of warping machines with their relative advantages.

   OR

2. Discuss different warper’s beam defect with their remedies.

3. Describe various control fitted on modern sizing machines.

   OR

3. Discuss the size-beam defects and their remedies.
4. What is loom? Discuss the classification of various types of looms.

OR

4. Describe the working principle of various weft insertion system.

5. Find out the length of yarn on a package weight of yarn in 3 kg and yarn count is 20s English.

OR

5. Find out the conversion factor :
   
   (i) English to Denier count
   
   (ii) English to worsted count