

THIRD SEMESTER
TEXTILE TECHNOLOGY
SCHEME JULY 2008
WET. PROCESSING (305)

Time : Three Hours

Maximum Marks : 100

Note : (i) Attempt total *Six* questions. Question No. 1 is compulsory. From the remaining questions attempt any *five*.

(ii) Give sketch wherever necessary.

1. Write short answers of the following:- 5×2
 - a) Chemical used for flame proof finish
 - b) Screen printing
 - c) Difference between temperature and permanent finishing
 - d) Object of calendaring
 - e) 'Faults in bleaching and their removal

2. What are the Impurities present in grey cotton fabric? Describe various stages of processes involved in converting grey fabric into finally finished cloth. 18

3. What is the Object of Bleaching? Name the various bleaching agents and explain the process of bleaching of grey cotton fabric by Hydrogen per oxide. 18

(2)

4. Differentiate "Dyeing" and "Printing". Describe the method of dyeing of direct colour on cotton fabric. 18
5. What are the Objects of "Mercerization"? Explain the method of mercerization employed for a fabric in a textile mill. 18
6. What is the Object of "Singeing"? With the help of a neat sketch describe the working of "Gas singeing" machine. 18
7. What is "Desizing"? Describe the different methods of desizing and compare their merits and demerits. 18
8. Write short notes on any three of the following: 3×6
- a) Finishing
 - b) Kier
 - c) Roller printing
 - d) Vat dyes

