

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

B.E. Sem-IV Remedial Examination Nov/ Dec. 2010

Subject code: 142903

Subject Name: Textile Processing - II

Date: 06 /12 /2010

Time: 03.00 pm – 05.30 pm

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1 (a) Classify Textile finishing and explain Rigmel finish. 07
(b) Draw only the figure of Flat bed screen printing machine. 07

- Q.2 (a) Differentiate style and method of printing, discuss Resist style of printing. 07
(b) Explain direct style of Printing of Polyester/Cellulose blend by two step method. 07

OR

- (b) What is ageing? Discuss M & P type ager with neat diagram. 07

- Q.3 (a) What is the meaning of swizzling? Explain swizzling calender neat sketch. 07
(b) Explain Discharge style of printing and discuss how it differs from Resist style. 07

OR

- Q.3 (a) Describe printing of Polyester with Disperse dye. 07
(b) Classify methods of printing and write a note on Block printing. 07

- Q.4 (a) Enlist objects of Calendering and explain Schreiner calenders with neat diagrams. 07
(b) Explain the calender which produces linen like feel on cotton. 07

OR

- Q.4 Explain construction and working of Roller printing with neat diagram. 14

- Q.5 Write principle of Transfer printing and explain lithographic and flexographic printing. 14

OR

- Q.5 (a) Explain principle and mechanism of pre-shrinking of cotton. 10
(b) Discuss crepon style of printing. 04
