

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER-IV • EXAMINATION – SUMMER 2013

Subject Code: 142903**Date: 14-06-2013****Subject Name: Textile Processing II****Time: 10:30am – 01:00pm****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) Enlist different objects of finishing in Detail. **07**
(b) Describe direct style of printing of Polyester with Disperse dye. **07**
- Q.2** (a) Discuss Discharge style of printing and discuss how it differs from Resist style. **07**
(b) Explain direct style of Printing of Cotton by Vat dye. **07**
- OR**
- (b) What is ageing? Discuss any one type ager with neat diagram. **07**
- Q.3** (a) Explain Friction calendar with neat sketch. **07**
(b) Explain direct style of Printing of Cotton by Reactive dye. **07**
- OR**
- Q.3** (a) Classify methods of printing and write a note on block printing. **07**
(b) Discuss about Inkjet printing in textile. **07**
- Q.4** (a) Enlist objects of Calendaring and explain embossing calendars with neat diagrams. **07**
(b) Explain principle and mechanism of pre-shrinking of cotton. **07**
- OR**
- Q.4** Describe construction and working of Flatbed printing with neat diagram. **14**
- Q.5** Describe construction and working of Rotary screen printing with neat diagram. **14**
- OR**
- Q.5** (a) Discuss Brasso style of printing. **10**
(b) Discuss dyed style of printing. **04**
