

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B. E. - SEMESTER – IV • EXAMINATION – WINTER 2012**

**Subject code: 142903****Date: 29/12/2012****Subject Name: Textile Processing - II****Time: 02.30 pm - 05.00 pm****Total Marks: 70****Instructions:**

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

- Q.1** (a) Discuss Discharge style of printing and discuss how it differs from Resist style. **07**  
(b) Enumerate objects of finishing in Detail. **07**
- Q.2** (a) Differentiate style and method of printing, discuss brasso style of printing. **07**  
(b) Explain direct style of Printing of Cotton by Reactive dye. **07**
- OR**
- (b) What is ageing? Discuss any one type ager with neat diagram. **07**
- Q.3** (a) Explain Embossing calendar with neat sketch. **07**  
(b) Explain direct style of Printing of Cotton by Direct dye. **07**
- OR**
- Q.3** (a) Describe printing of Polyester with Disperse dye. **07**  
(b) Classify methods of printing and write a note on screen printing. **07**
- Q.4** (a) Enlist objects of Calendaring and explain friction calendars with neat diagrams. **07**  
(b) Describe Beetling process in detail. **07**
- OR**
- Q.4** Explain construction and working of Flatbed printing with neat diagram. **14**
- Q.5** Explain construction and working of Roller printing with neat diagram. **14**
- OR**
- Q.5** (a) Explain principle and mechanism of pre-shrinking of cotton. **10**  
(b) Discuss dyed style of printing. **04**

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