

GUJARAT TECHNOLOGICAL UNIVERSITY**B. E. Sem. – IV - Examination –June- 2011****Subject code: 142903****Subject Name: Textile Processing II****Date:10/06/2011****Time: 10.30 am – 01.00 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) Discuss in detail, the objects of finishing. **07**
 (b) Explain the principle of Discharge and resist style of printing. Give the main points of difference in these two styles. Give one example of both the styles. **07**
- Q.2** (a) Distinguish between style and method of printing, discuss Dyed style of printing. **07**
 (b) Explain direct style of Printing of Cotton by Direct dye. **07**
- OR**
- (b) What is ageing? Name various ager and steamers. Discuss M & P type ager with neat diagram. **07**
- Q.3** (a) What are objects of calendaring? Explain Friction calendar with neat sketch. **07**
 (b) Describe the method with recipe for Printing of Cotton by Reactive dye by direct style. **07**
- OR**
- Q.3** (a) Explain how to carry out printing of Polyester with Disperse dye. **07**
 (b) Classify methods of printing and write a note on Block printing. **07**
- Q.4** (a) Name various calendars and explain Embossing calendar with neat diagrams. **07**
 (b) With the object, 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) With principle, discuss Carbonized style of printing. **04**
