

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-IV • EXAMINATION – SUMMER • 2014****Subject Code: 142903****Date: 23-06-2014****Subject Name: Textile Processing - II****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)** What are the ingredients of a printing paste? On what basis ingredients of a printing paste are decided? Explain in detail any three ingredients of a printing paste. **14**
- Q.2 (a)** Describe anti shrink finish with reasons of shrinkage. **07**
(b) Explain calendaring finish with important points and method of imparting. **07**
OR
(b) State basic difference between water proof and water repellent fabric and describe method of imparting them. **07**
- Q.3 (a)** What is steaming? What actually happens during steaming? Explain high temperature steamer with principle. **14**
OR
- Q.3 (a)** Explain resist style of printing. **07**
(b) Describe pigment printing with advantages and disadvantages. **07**
- Q.4 (a)** Explain methods of imparting durable press finish. **07**
(b) Explain methods of imparting anti crease finish. **07**
OR
- Q.4 (a)** Explain methods of imparting fire proof finish. **07**
(b) Explain methods of imparting raising and peach finish. **07**
- Q.5 (a)** Describe printing of reactive dyes. **07**
(b) Describe crepe finish with construction of fabric. **07**
OR
- Q.5 (a)** Describe automatic flat bed screen printing with neat diagram. **07**
(b) Describe methods of imparting organdi finish **07**
