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. What are the ingredients of a printing paste? On what basis ingredients of a printing Q.1 14 (a) paste are decided? Explain in detail any three ingredients of a printing paste. Q.2 Describe anti shrink finish with reasons of shrinkage. 07 **(a) (b)** Explain calendaring finish with important points and method of imparting. 07 OR State basic difference between water proof and water repellent fabric and describe **(b)** 07 method of imparting them. What is steaming? What actually happens during steaming? Explain high temperature **Q.3** (a) 14 steamer with principle. OR 0.3 Explain resist style of printing. 07 **(a) (b)** Describe pigment printing with advantages and 07 disadvantages. Explain methods of imparting durable press finish. 07 **Q.4 (a)** Explain methods of imparting anti crease finish. **(b)** 07 OR Explain methods of imparting fire proof finish. **Q.4 (a)** 07 Explain methods of imparting raising and peach finish. 07 **(b)** Q.5 Describe printing of reactive dyes. 07 **(a)** Describe crepe finish with construction of fabric. **(b)** 07 OR **Q.5** Describe automatic flat bed screen printing with neat diagram. 07 (a) Describe methods of imparting organdi finish 07 **(b)**
