

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER-VIII (NEW) - EXAMINATION – SUMMER 2017****Subject Code: 2182803****Date: 04/05/2017****Subject Name: Dye House Management****Time: 10:30 AM to 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 different factors that influence dye house activities and what are the targets to be clearly defined. **07**
- (b) Elaborately, Explain different interlinked elements of Production Planning & Control. **07**
- Q.2** (a) Give a brief review of accident occurrences in a dye house. **07**
- (b) Elaborate benefits of ERP. **07**
- OR**
- (b) What are the major hassles in the ERP implementation? **07**
- Q.3** (a) Enlist different avenues for Increased productivity in a dye house. Explain how Instrumentation & process control helps in achieving increased productivity in a dye house. **07**
- (b) Describe role of maintenance of Plant/machinery & Process modification in meeting production targets in a textile mill. **07**
- OR**
- Q.3** (a) Why MIS is looked upon as a strategic need of management today. **07**
- (b) Write a note on MIS & Computer. **07**
- Q.4** (a) Enlist different ways of Fuel Consumption & Conservation in a dye house. Discuss how Energy audit is necessary to assess -How, Why and Where energy is used. **07**
- (b) Discuss different factors for considerations during Steam generation, distribution & utilization towards energy saving in a dye house. **07**
- OR**
- Q.4** (a) Explain different components of Enterprise Management System. **07**
- (b) Briefly list out various Poison risks of different Chemicals & auxiliaries used **07**
- Q.5** (a) Give the objectives of Inventory control in a dye house. **07**
- (b) Explain different methods of inventory control in a dye house with some examples **07**
- OR**
- Q.5** (a) Enlist & Explain different factors for location of Dye House industries. **07**
- (b) Write a note on Role of Information Technology in Wet Processing Industries. **07**

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