

GUJARAT TECHNOLOGICAL UNIVERSITY
BE SEM-VIII Examination May 2012

Subject code: 182803

Subject Name: Dye House Management

Date: 14/05/2012

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) Answer the following OBJECTIVE questions: **07**
- i. What is Production management?
 - ii. What is meant by Block planning?
 - iii. Enlist five tickets / dockets of production control.
 - iv. Only _____% of all and _____% rejects should be attributed to the dye house.
 - v. At least _____ times per year the stock should be taken.
 - vi. What are the advantages of kier piler on kier.
 - vii. Which desizing method is preferred for P/C blend fabric?
- (b) Why MIS is looked upon as a strategic need of management today? **07**
- Q.2** (a) Answer the following OBJECTIVE questions: **07**
- i. Why steam quenching after singeing is done prior to enzymatic desizing?
 - ii. What are the advantages of installing moisture meter at the delivery end of driers and stenters?
 - iii. What is formalin?
 - iv. What is database?
 - v. In EMS, _____ system plays the role of front running system.
 - vi. What are the dangers of running padding mangle at a high speed?
 - vii. What are the ways of avoiding acid menace in a dye house?
- (b) Give a brief review of various factors in the accident occurrence in a dye house. **07**
- OR**
- (b) Explain different components of EMS. **07**
- Q.3** (a) Write a note on “Dye house management”. **07**
- (b) Explain five elements of production planning and control in brief. **07**

OR

Q.3 Explain in detail various avenues for Increased productivity in a dye house. **14**

Q.4 Explain in detail poison risks of various chemicals in a dye house. **14**

OR

Q.4 Elaborate role of Information Technology in Textile wet processing. **14**

Q.5 Write short notes on **any three** of the following: **14**

- (a) MIS and computers
- (b) Benefits of ERP
- (c) Value analysis of a product
- (d) Inventory control
