

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER-VII EXAMINATION – WINTER 2015

Subject Code: 172805**Date: 04/12/2015****Subject Name: Ecological aspects in Textile Processing****Time: 10:30am to 1:00pm****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) Enlist some leading Ecolabels. Elaborate criteria specified in this ecolabels. **07**
(b) Write a note on German Ban **07**
- Q.2** (a) Discuss effects of Heavy metals in Textiles. **07**
(b) Write a note on Pesticides in fibres and yarns **07**
- OR**
- (b) Pentachloro phenol (PCP) in Textiles **07**
- Q.3** (a) Describe in brief Effects of textile effluents on Plants and Animal life. **07**
(b) Write a note on Ecofriendly Dyeing & Printing **07**
- OR**
- Q.3** Discuss in detail Future developments in Ecofriendly Chemical Processing. **14**
- Q.4** (a) What are the major Pollutants in textile processing? Elaborate. **07**
(b) Give a list of toxic and harmful substances used in textile industry. **07**
- OR**
- Q.4** Discuss in detail some textile chemicals and their ecofriendly substitutes along with their limitations. **14**
- Q.5** (a) Write a note on ISO-14000 **07**
(b) Red listed Dyes & their substitutes. **07**
- OR**
- Q.5** (a) Write a note on Secondary Effluent treatment **07**
(b) Dispersible Wastes **07**
