

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER-VII • EXAMINATION – WINTER 2013

Subject Code: 172805**Date: 03/12/2013****Subject Name: Ecological Aspects in Textile Processing****Time: 10:30 TO 01:00****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) Give eco-standards for textiles under different eco-labels. **07**
(b) Discuss in detail about critical review on impurities in water & its impact in processing. **07**
- Q.2** (a) In which four categories textile waste is classified. Discuss any two of them. **07**
(b) What is meant by sustainable development? **07**
OR
(b) Write a short note on ISO-14000. **07**
- Q.3** (a) Describe primary effluent treatment methods. **07**
(b) Draw the Flow diagram of Cotton Processing. **07**
OR
- Q.3** (a) Discuss pollution from areas other than chemical processing. **07**
(b) Discuss major criteria specified by eco-labels for eco-processing. **07**
- Q.4** (a) Describe various government support for environment protection. **07**
(b) Discuss Clean technology for sustainable development. **07**
OR
- Q.4** (a) Discuss water impurities & its impact on processing. **07**
(b) Write a note on 'Towards eco-friendly processing'. **07**
- Q.5** Write a short note on any TWO: **14**
(a) Solution to environmental problems
(b) Heavy metals in textiles.
(c) Global warming
(d) Characteristics of waste water of textile industries.
