

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BE - SEMESTER-V • EXAMINATION – SUMMER • 2014**

**Subject Code: 151304**

**Date: 17-06-2014**

**Subject Name: Environmental Resources**

**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) What is Deforestation? What are the problems associated with it? **07**  
(b) Define and explain consumptive and non-consumptive uses of water. **07**
- Q.2** (a) Write a short note on solar energy. **07**  
(b) What is Biodiversity? What are the steps to protect it? **07**
- OR**
- (b) Write a short note on food production & environment. **07**
- Q.3** (a) Write a short note on Global warming. **07**  
(b) Write a short note on Malthusian Theory of population growth. **07**
- OR**
- Q.3** (a) Write a short note on Clean Development Mechanism. **07**  
(b) What is Population explosion? What are the remedial measures of it? **07**
- Q.4** (a) Explain the term Static and Exponential Reserve index with examples **07**  
(b) Write a short note on Demographic transition theory. **07**
- OR**
- Q.4** (a) Write a short note on Water conservation in industry, agriculture and homes. **07**  
(b) Discuss the merits and de-merits of using Wind energy. **07**
- Q.5** (a) Write a short note on Rain water Harvesting. **07**  
(b) What is Carbon Footprint? How we can reduce it? **07**
- OR**
- Q.5** (a) Write a short note on Environmental ethics. **07**  
(b) Write a short note on Importance of forest and wildlife. **07**

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