

**Dr. Babasaheb Ambedkar Technological University Lonere-Raigad**  
Second Test Examination: October 2013  
Class: B. Tech. Engineering (All Branches) Semester: I  
Subject: Energy and Environmental Engineering

**Time: 1 hour**

**Maximum Marks: 15**

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**Instructions:** 1. All questions are compulsory  
2. Marks to the right indicate full marks

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1. Identify and write the correct pair of pollution sources and its ingredients  
**Pollution sources:** Chemical Plants, Detergents, Paper and Pulp industry, Pesticide  
**Ingredients:** Bleaching liquor, Polyphosphates, Aromatic compound, Methyl Parathion 2
2. List at least four positive and negative effects each for the OTEC System. 4
3. Explain in brief about the criteria pollutants 3
4. Explain the terms Eutrophication and Biomagnification in connection with water pollution. 3
5. Describe the measures to be taken to control the noise pollution. 3

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