

**Dr. Babasaheb Ambedkar Technological University Lonere-Raigad**  
Second Test Examination: November 2014  
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. Explain in detail the composition, constituents and temperature of various spheres of atmosphere with a suitable sketch 3
2. Give detailed classification of air pollutants and explain their trends 4
3. Define and discuss the environmental protection act 1986. 2
4. Explain the terms BOD and COD in connection with water pollution. Describe how these terms are different with one another. 3
5. Explain the causes and effects of noise pollution on human health 3

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