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Name:  
Reg.No.

**EIGHTH SEMESTER B.TECH DEGREE EXAMINATION, JUNE 2010**

**CE.04.805.D –Environmental Pollution Control Engineering**

**(2004 Admission)**

**Time: Three hours**

**Maximum: 100 marks**

**(Answer all questions)**

1. a. Draw and explain the process flow diagram of a textile industry.  
b. Define EIA. What are the objectives of EIA process?  
c. What is water pollution? Differentiate between the point and non point source of pollution.  
d. Briefly write about the major sources of noise pollution.  
e. Explain the damages caused by industrial activities in detail.  
f. Define noise pollution and threshold of hearing. What do you mean by acceptable noise level?  
g. Classify pollutants on the different points of view.  
h. Discuss the impact of land use on environmental quality.

**(8x5=40 marks)**

2. a. Explain the fertilizer industrial process in detail.  
**OR**  
b. Explain the characteristics and treatment options of dairy industrial waste water.

3. a. Explain the chemical characteristics of water in detail.  
**OR**  
b. Explain the types of water pollutants and their effects in detail.

4. a. Explain the paper industrial process in detail.  
**OR**  
b. Explain the treatment options to treat paper industrial waste water in detail.

5. a. Explain the various steps involved to carry out the EIA process.  
**OR**  
b. Describe the environmental impact assessment methodologies in detail.

**(4x15=60 marks)**

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