

Register Number: .....

**M.E. DEGREE EXAMINATIONS: JUNE/JULY 2013**

Second Semester

**ENERGY ENGINEERING**

EEG506: Environmental Engineering and Pollution Control

**Time: Three Hours**

**Maximum Marks: 100**

**Answer all the Questions:-**

**PART A (10 x 2 = 20 Marks)**

1. What is green house effect?
2. Name the substances that accounts for ozone depletion.
3. What is pollutant?
4. List some of the gaseous pollutants.
5. What are primary and secondary pollutants?
6. Give the characteristics of good water.
7. How the wastes are classified?
8. Name some sources where waste comes at large.
9. What are the impacts of oil pollution?
10. What are the environmental impacts of pesticides?

**PART B (5 x 16 = 80 Marks)**

11. a) Explain the various environmental cycles.  
(OR)  
b) Explain the environmental legislation ISO 14000.
12. a) Explain the sources of air pollution and its effects.  
(OR)  
b) Explain the air sampling and measurement methods.
13. a) Explain the drinking water treatment process.  
(OR)  
b) Explain the sewage treatment process.
14. a) Explain the sources and classification of solid wastes.  
(OR)  
b) Explain the waste energy recovery systems.

15. a) Explain the noise pollution and their impacts.

**(OR)**

b) Explain the environmental impact assessment methods.