

**The Open University of Sri Lanka**  
**M.Sc./PG Diploma in Environmental Studies-Level 06**  
**Final Examination 2012**  
**NEP 1203 - Environmental Pollution**



**Duration – Three (03) hours**

---

**Date: 24<sup>th</sup> March 2012**

**Time: 09.30a.m. – 12.30p.m.**

---

Answer any four (04) questions.

1. 'Air pollution has been considered as one of the major threats for the survival of mankind'. Discuss this statement.
2.
  - a. What is water pollution?
  - b. Explain one method used in monitoring bacterial pathogens in water.
  - c. Comment on the water quality indicators and their significance.
3.
  - a. Define the term 'land degradation'.
  - b. What are the major causes of land degradation?
  - c. Explain the measures that can be implemented to improve a degraded land.
4. Briefly explain the methods available to monitor the pollution caused by different Nitrogen forms in water.
5.
  - a. What is hazardous waste management?
  - b. Discuss how you treat hazardous wastes in the process of waste management.
6. Write short notes on **any three(03)** of the following.
  - a. Control of gaseous emissions in industries
  - b. Municipal water treatment for drinking purposes
  - c. Soil amelioration
  - d. Resource recovery in integrated waste management