

The Open University of Sri Lanka
M.Sc./PG Diploma in Environmental Studies-Level 06
Final Examination - 2010
NEP 1203 - Environmental Pollution



Duration – Three (03) hours

Date: 24th February 2010

Time: 09.30 a.m.– 12.30p.m.

Answer any four (04) questions.

1. a. What are the effects of acid rain on biota?
b. Explain how global warming and green house effect contribute to climate change.
2. a. What is meant by 'water pollution'?
b. Discuss how organic and inorganic pollutants affect inland water bodies.
3. "Organic fertilizers are the most effective substances that are useful in improving degraded soils". Justify this statement.
4. a. Briefly explain the methods available to detect the presence of organic pollutants in the environment.
b. State the importance of monitoring organic pollutants in the environment.
5. Discuss how the municipal wastewater is treated before discharging it to water bodies.
6. Write short notes on any three (03) of the following.
 - a. Control of gaseous emissions in power plants
 - b. Radioactive waste management
 - c. Control of soil erosion by water
 - d. Bacterial pathogens in water