



The Open University of Sri Lanka
M.Sc/PG diploma Programme in Environmental Studies
Environmental Pollution – Level 6 – 2006/2007
Assessment Test 1(Open Book Test)

Duration - One hour

Answer **all** questions on this paper itself.

1. a. What do you mean by the term "pollutant"?

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b. Name five major pollutants seen in the atmosphere.

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c. Distinguish between primary pollutants and secondary pollutants.

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d. How does photochemical smog form?

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e. "Most of the respiratory diseases are caused by air pollutants" Explain

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02. a. "Many organic and inorganic nutrients which are useful to plants are considered as pollutants at times" Comment on the accuracy of this statement with examples.

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03. a. Define the term "Land Degradation".

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b. Suppose that you have been asked to rehabilitate a land subjected to heavy surface run-off and compaction due to use of heavy machinery to cut off the vegetation it had.

I. List the present status of this soil with respect to properties of soil.

Eg. Low infiltration

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II. What measures would you take to rehabilitate this land?

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04. Explain the following statements.

a. Carbon monoxide causes severe effect on humans by lowering oxygen supply to organs and tissues.

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b. Sediment pollution can be regulated by implementing good land management practices.

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c. The rate of soil erosion is regulated by three external factors.

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d. Crop rotation was the best erosion control method for ancient farmers

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