



The Open University of Sri Lanka
M.Sc. in Environmental Studies
Environmental Pollution- NEP 1209 – Level 07 - 2015
Assessment Test I(Open Book Test)

Duration - One hour

Reg.No.

Answer all questions on this paper itself.

1. a. Distinguish between acute health effects and chronic health effects.

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b. “Air pollution increases the risk of respiratory diseases in a population.” Justify with reasons and suitable examples.

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c. A plant growing in the side of a high traffic road showed the following:

- leaves with some lesions
- curtailed growth of plants and
- chlorosis in some leaves

How do you explain the above observations with the help of your knowledge on air pollution?

(you must indicate at least two possible causes with interpretations for each observation).

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b. Graphically illustrate how Biological Oxygen Demand(BOD) of a stream change when pollutants are dumped in?

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c. "Sediments and suspended matters are the number one water pollutant based by weight". Explain with suitable examples highlighting possible issues.

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d. "A report says that a lake is smelly and has thickly grown aquatic plants with many dead fish". Give reasons for this observation.

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