



The Open University of Sri Lanka
M.Sc./PG Diploma in Environmental Studies
Environmental Pollution- NEP 1203 – Level 06 - 2011
Assessment Test I(Open Book Test)

Duration- One hour

Reg.No.

Answer all questions on this paper itself.

1. a. What is a pollutant?

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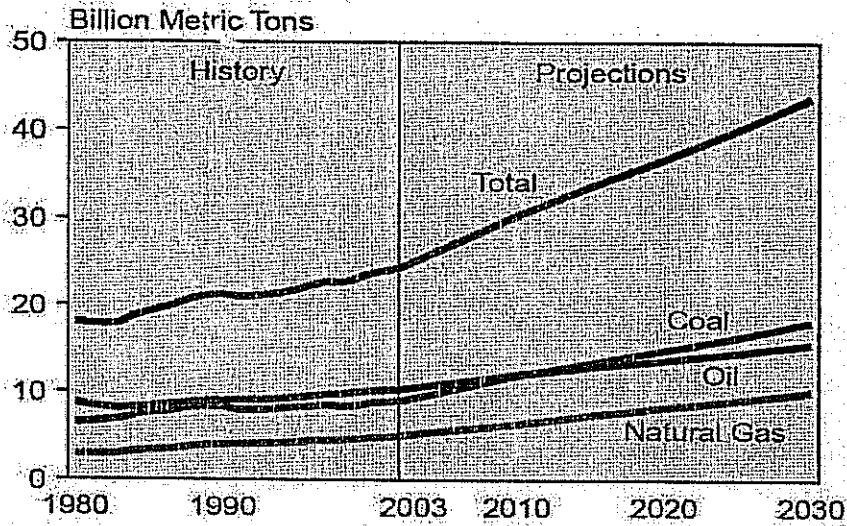
b. Distinguish between photochemical smog and industrial smog.

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c. Explain very briefly how greenhouse effect leads to have global warming.

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World Carbon Dioxide Emissions by Fuel Type, 1980-2030



c. Give five(5) reasons for the total exponential increase predicted by 2030.

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d. Name three(3) environmental effects would you expect by this kind of increase?

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02. A newspaper article indicates that a lake near by Kandy has clear, colourless water with very high fish mortality.

a. How do you explain this kind of situation?

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b. What measures would you suggest to bring back this lake to a normal situation?

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c. "Change of land use patterns will lead to have more eutrophic lakes" Justify this statement.

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3. a. List five causes that lead to non erosive land degradation from your surrounding?

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b. What impacts on soil would you expect when a land is subjected to deforestation followed by a monoculture plantation?

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c. Explain briefly how you overcome/manage the above effects to restore the land.

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4. "Crop rotation is one of the efficient management techniques of soil erosion" Justify this statement.

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