

The Open University of Sri Lanka  
 M.Sc./PG Diploma in Environmental Studies  
 Environmental Pollution- NEP 1209 – Level 07 - 2016  
 Assessment Test I(Open Book Test)



Duration - One hour

Reg.No. ....

Answer all questions on this paper itself.

1. a. Why do we consider ground level Ozone(O<sub>3</sub>) as a secondary pollutant?

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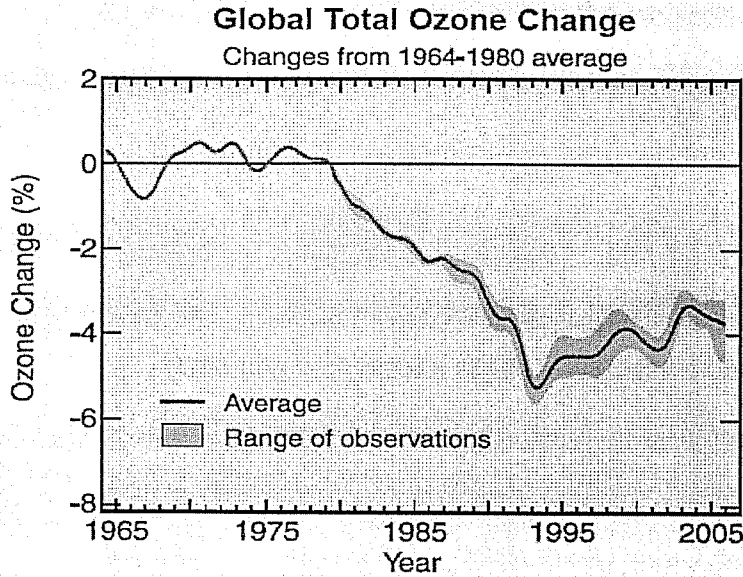
b. How does ground level Ozone differ from stratospheric Ozone?

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c. Fill in the following Table by writing the relevant answers.

Name three substances that deplete O <sub>3</sub>	Write 3 effects of O <sub>3</sub> depletion	Write 3 effects of Global Warming
1.	1.	1.
2.	2.	2.
3.	3.	3.

d. The diagram below indicates the % Ozone change(Depletion) over the period of years.



I. Explain why % Ozone depletion is sharply dropped in 1993.

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II. What could be the reason/s for % Ozone Depletion again to rise from 1993?

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2. a. What do you understand by the term “land based pollution sources”?

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b. List three effects due to land based pollution sources.

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4. a. Distinguish between bioaccumulation and bio magnification.

Bioaccumulation	Bio magnification
1.	
2.	
3.	

b. "Drinking of polluted water could cause water borne diseases to humans due to pathogens". Name two diseases for each pathogen given below.

Type of pathogen	Two names of diseases	Causative organism for each diseases
Bacterial	1 .....	1. ....
	2 .....	2. ....
Viral	1 .....	1.....
	2 .....	2.....

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

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b. Why do we say "consequent decline in productivity" in that definition?

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