



Seat No. : _____

TA-129

April-2013

B.Sc. Sem. IV

Environmental Science (205)

(Environmental Pollution)

Time : 3 Hours]

[Max. Marks : 70

1. Answer the following questions : (any **two**) **14**
 - (1) Give the major classes of environmental chemical pollution.
 - (2) Write note on Xenobiotic component with its harmful effect.
 - (3) Biological monitoring of Environmental pollution.
 - (4) How much level of noise is tolerable to human & society and give its sources.

2. Answer the following questions : (any **two**) **14**
 - (1) Discuss on Natural and Anthropogenic sources of Air pollution.
 - (2) Give the detail for effect of carbon monoxide in Industrial workers.
 - (3) Explain cleaning agent, detergent, and bleaching agent and its persistent effect on environment.
 - (4) Give the classification of biomedical waste.

3. Answer the following questions : (any **two**) **14**
 - (1) Ecological and Biochemical Aspect of water pollution.
 - (2) Short note on Minimal National Standards (MINAS) in India.
 - (3) Bacteriological Examination of Water.
 - (4) Pollution status in Indian River.

4. Answer the following questions : (any **three**) **14**
 - (1) Discuss on Industrial gaseous pollution control device.
 - (2) Write note on Biomagnifications and Bioaccumulation.
 - (3) Detail note on Meteorological parameter.
 - (4) Short note on Bio-filtration.

5. Answer any **seven** :

14

- (1) Give the two name of Air pollutant.
 - (2) Define : Carcinogen.
 - (3) Full form of BOD & COD and its standard limit.
 - (4) Permissible limit of SO_x & NO_x.
 - (5) Which factor is more responsible for solid waste ?
 - (6) Full form of ESP and its function.
 - (7) Give the two name of cleaning agent brand which mostly use in Industry.
 - (8) Define : Odor Pollution.
 - (9) Define : Recalcitrance.
 - (10) Give the two name of the waste which maximum generate in Ahmedabad.
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