

KB-55047

Seat No. _____

M. Sc. (Part – I) Examination

April / May – 2003

Environmental Science : Paper –IV

(Pollution Control)

(Air, Water & Noise)

Time : 3 Hours]

[Total Marks : 75

- 1 Discuss the philosophy and strategy for the ϕ air pollution control.

OR

- 1 Discuss the various sources of air pollution. Explain the pollution due to power plants.
- 2 Discuss the various equipments for monitoring and control of air pollutants.

OR

- 2 Write notes on the following :
- (a) Wind speed
 - (b) Diffusion theory
 - (c) Remote sensing.
- 3 Discuss the process for the waste water treatment.

OR

- 3 Discuss how the waste water can be recycled for agricultural use.
- 4 Explain any **three** of the following :
- (a) Disinfection and Sterilization
 - (b) Removal of colour
 - (c) Water softening
 - (d) Effluent and Environmental standard
 - (e) Sedimentation
 - (f) Biological indicators of pollution.
- 5 Explain any **two** of the following :
- (a) Sources and types of noise
 - (b) Noise measurements
 - (c) Control of noise
 - (d) Noise and Health.