

E- JUN 2006

Subject Code—4246

P.G. Diploma EXAMINATION

(New Scheme)

June, 2006

ENVIRONMENTAL MANAGEMENT

PGDEM-01

Fundamentals of Environment

Time : 3 Hours

Maximum Marks : 100

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

Unit I

1. (a) Describe the biotic components of environment.
- (b) Draw a diagram of zonation of a lentic system, giving salient features.
- (c) What are Laterites ?

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2. (a) What are the different layers of atmosphere ? Discuss their features.
- (b) Discuss the salient features of a marine system.

Unit II

3. Explain the following with the help of suitable examples and diagrams :
 - (a) Carbon Cycle
 - (b) Food Web.
4. Write short notes on the following :
 - (a) Ecological Pyramids
 - (b) Population Growth Models.

Unit III

5. Critically discuss the impact of various agricultural practices on environment.
6. Explain the following :
 - (a) Soil erosion
 - (b) Waterlogging.

Unit IV

7. Discuss the evolution of human beings on earth with changing environmental conditions.
8. Discuss the environmental problems associated with population explosion.