

Roll No.

Subject Code—6821

P. G. Diploma EXAMINATION

(Main/Re-appear)

ENVIRONMENTAL MANAGEMENT

PGDEM-01

Fundamental of Environment

Time : 3 Hours

Maximum Marks : 100

Note : Attempt any *Five* questions. All questions carry equal marks.

Unit I

1. (a) Discuss the evolution of atmosphere.
- (b) Discuss the properties of various layers of atmosphere. Draw a diagram to show temperature variations in various layers.

10,10

2. Write short notes on any *four* of the following:

- (a) Biotic factors
- (b) Properties of Saline and Sodic soils.
- (c) Zonation of lakes
- (d) Soil biota
- (e) Characteristics of marine organisms. 5×4

Unit II

3. Discuss the following :

- (a) Grazing food chain
- (b) Population growth models
- (c) Pyramid of energy
- (d) Concept of climax. 5×4

4. (a) Discuss the nitrogen cycle with the help of a diagram.

- (b) Explain energy flow models. 10×2

Unit III

5. Discuss the impact of agriculture and mining on environment. 10,10

6. What are the major causes and effects of deforestation ? 10,10

Unit IV

7. Explain the characteristics of human population with special reference to population explosion. 20

8. Discuss the problems related to population growth. 20