

Jan. 2007

Subject Code—5837-X

P.G. Diploma EXAMINATION

(Re-appear)

ENVIRONMENTAL MANAGEMENT

PGDEM-01

Fundamentals of Environment

Time : 3 Hours

Maximum Marks : 100

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

1. (a) What do you mean by biotic components of environment ? Discuss its types.
(b) Discuss Lithosphere, its composition and soil biota.
2. Define Ecosystem. What are food chains and food webs ? Discuss giving suitable examples.

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3. Give an illustrated account of Water and Carbon Cycles.
4. Discuss the following important characteristics of a population : density, growth models, natality, survivorship, mortality. Give suitable examples for each.
5. Write short notes on any *two* of the following :
 - (a) Salinization
 - (b) Eutrophication
 - (c) Overgrazing
 - (d) Population Stabilization.
6. Discuss the impacts of mining on environment.
7. Explain any *two* of the following :
 - (a) Environmental Impact of Green Revolution
 - (b) Ecological Balance
 - (c) Population Explosion.
8. What is Ecological Succession ? Discuss the process of succession taking Xerosere as an example.