

Roll No.

Exam Code : J-19

Subject Code—0661

P.G.D.E.M. EXAMINATION

(Batch 2011 Onwards)

FUNDAMENTALS OF ENVIRONMENT

PGDEM-01

Time : 3 Hours

Maximum Marks : 70

Section A

Note : Attempt any *Seven* questions. **7×5=35**

1. Land degradation.
2. Energy flow model.
3. Ecosystem.
4. Food chain.
5. Overgrazing.

(3-91-15-0119) **J-0661**

P.T.O.

6. Carbon cycle.

7. Ecological succession.

8. Zero growth rate.

9. Deforestation.

10. Marine ecosystem. 7×5

Section B

Note : Attempt all the questions.

11. Explain the biotic and abiotic components of environment.

Or

Define population explosion and explain the different biological factor that affects human population size. 12

12. Define the term Eutrophication and how does eutrophication harm the environment.

Or

Discuss various types of succession and explain the stages of succession in pond ecosystem.

12

13. Explain the population growth curve with suitable example.

Or

Define Hydrosphere. Discuss the characteristics of lentic and lotic fresh water ecosystem. 11