

University Institute of Engineering & Technology
(Recognized Under Section 2(f) and 12 B of UGC)
Kurukshetra University, Kurukshetra
THEORY EXAMINATION- December, 2018
B.TECH (SEMESTER-III/IV)
COURSE TITLE- ENVIRONMENTAL STUDIES
(Paper Pattern as per UGC Guidelines)
COURSE NO. - MPC-201/ES-101E

Time: 3 Hours

Maximum Marks: 75

NOTE- Attempt FIVE questions in all. Question 1 is compulsory.

PART-A
Compulsory Question

1. Write short notes on the following:

- a. Hydrosere.
- b. Endangered Species
- c. Eutrophication
- d. Cyclones
- e. Shifting Cultivation
- f. Food chain and Food web
- g. Over exploitation
- h. Floods
- i. Renewable energy resources
- j. Climate change

(10×2.5 = 25)

PART-B

2. Write definition, scope and importance of multidisciplinary nature of environmental studies. What are the problems related to natural resources? (12.5)
3. What are the water resources? Explain in detail the uses and over- utilization of surface and ground water. (12.5)
(6+6.5)
4. Write notes on the following:
 - a. Concept of an ecosystem
 - b. Ecological Pyramids (6.5+6)
5. Write short notes on:
 - (a) Rainwater harvesting

(b) Resettlement and Rehabilitation issues

6. What are the different levels of biodiversity? Explain the various bio geographical regions of India. (12.5)
7. **Explain the following:** (6.5+6)
 - a. Population explosion and factors influencing population size
 - b. Women and Child welfare
8. Give an account on biodiversity conservation and write about the national parks and sanctuaries of India. (12.5)
9. Write a detail note on effective solid waste management. Give a detail classification of solid wastes with examples. (12.5)