

7(1) 94

University Institute of Engineering & Technology  
(Recognized Under Section 2(f) and 12 B of UGC)

Kurukshetra University, Kurukshetra

THEORY EXAMINATION- December, 2017

ROLL No..... B.TECH (SEMESTER-III)

COURSE TITLE- ENVIRONMENTAL STUDIES

(Paper Pattern as per UGC Guidelines)

COURSE NO. - MPC-201/ES-101E

Time: Three Hours

Maximum Marks: 75

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

PART-A

Compulsory Question

Q.1 Write short notes on the following:

- a) Water logging
- b) Cyclones
- c) Sustainable development
- d) Biodiversity
- e) Endangered Species
- f) Shifting Cultivation
- g) Mining
- h) Food chain and Food web
- i) Biotic and Abiotic components
- j) Eutrophication

10×2.5 = 25

PART-B

Q.2 Explain the multidisciplinary nature of Environmental Studies. How can public be made aware about Environmental protection. 12.5

Q.3 (a) Write down the positive and negative impacts of dams. 6.5

(b) What are the different food resources? Write down the environmental impacts due to modern agricultural activities. 6

Q.4 Explain the characteristic features, structure and functions of an ecosystem. 12.5

Q.5 What are the different levels of biodiversity? Explain the various biogeographical regions of India. 12.5

Q.6 Explain in detail the sources, effects and control measures of Air pollution. 12.5

Q.7 Write short notes on:

(a) Rainwater harvesting 6.5

(b) Resettlement and Rehabilitation issues 6

7(2)

- Q.8 Explain the following: 6.5
- (a) Population explosion and factors influencing population size 6
  - (b) Women and Child welfare
- Q.9 Write short notes on the following: 6.5
- (a) Marine pollution 6
  - (b) Solid waste management