

QUESTION PAPER CODE- 51054

University Institute of Engineering & Technology

(Recognized Under Section 2(f) and 12 B of UGC)

Kurukshetra University, Kurukshetra

**THEORY EXAMINATION- December, 2019**

**B.TECH (SEMESTER-III)**

**SUBJECT- ENVIRONMENTAL SCIENCES**

**(Paper Pattern as per UGC Guidelines)**

**PAPR-MC-901**

**Time: 3 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) Mining
- b) Biomagnifications
- c) Desertification
- d) Epicenter of an earthquake
- e) Endangered Species
- f) Drug de-addiction
- g) Aquifer
- h) Food web
- i) Watershed
- j) Biodiversity

10×2.5 = 25

**PART-B**

Q.2 Define Environmental studies and explain its multidisciplinary nature in detail. 12.5

Q.3 Explain the different types of renewable energy resources. 12.5

Q.4 Write notes on: 6.5  
(a) Forest ecosystem. 6  
(b) Energy flow in an ecosystem.

Q.5 Write down the different importance values of Biodiversity in detail. 12.5

Q.6 What are the causes, effects and control measures of Water pollution. 12.5

Q.7 Explain the following: 6.5  
(a) Sustainable development.  
(b) Wasteland reclamation. 6

Q.8 Explain the following:

(a) Population explosion

(b) Family welfare programme

6.5

6

Q.9 Write short notes on the following:

(a) Drugs and their effects

(b) Water conservation

6.5

6