

38

Cluster Innovation Centre, University of Delhi, Delhi-110007

Examination : End Semester Examination – November 2019
Name of the Course : B.Tech (IT&MI)
Name of the Paper : Environmental Sciences and Ecosystem Management
Paper Code : 32861107
Semester : I
Duration : 2 hours
Maximum Marks : 50

Attempt all the questions.

-
- 1 Write short notes on the following. 10
- a. Hydrological hazard
 - b. Seismic hazard
 - c. Biome
 - d. Ecotone
- e. IUCN Conservation status on Species. *Ex, EW*
Extinct, Extinct in whole, CR Critically endangered, EN endangered, VU Vulnerable, NT nearly
- 2 Discuss the Millennium ecosystem assessment and ecosystem services. 10
- or
- Describe various hypothesis on biodiversity and ecosystem functioning. 10
- 3 Differentiate the following 10
- a. Primary and Secondary pollutants
 - b. Point source pollution & non-point source pollution.
- or
- Briefly discuss the following.
- a. Effects of air pollution on terrestrial ecosystem
 - b. Effects of water pollution on aquatic ecosystem.
- 4 Describe the procedure of Environmental hazard & Environmental vulnerability assessment. 10
- or
- Describe the physical and chemical structure of ecosystem. 10
- 5 Describe the various kinds of ecological pyramids on the basis of energy flow. 10
- or
- Describe the five mass extinctions on the geological timescale. 10