

Con. 6052-09.

T.E. (All branch) Sem IV (R)

(REVISED COURSE)

SP-8504

Environmental Studies
(2 Hours)

[Total Marks : 50

4/1/10

2.30 to 5.30

- N.B. : (1) Question No. 1 is compulsory.
(2) Attempt any four questions from Q. Nos. 2 to 7.

1. Solve any five :- 10
- Name the fundamental principles of the environment.
 - Distinguish between nuclear fission and nuclear fusion.
 - Draw the flow chart of energy mineral movement in the ecosystem of organisms.
 - Differentiate between bioprospecting and biopiracy.
 - Write note on cyclone mitigation.
 - What is acid rain and give two effect of acid rain.
2. (a) Define watershed management. Give the methods of watershed management. 5
(b) Give the fifteen principles of environmental education. 5
3. (a) Give the effect of deforestation. 5
(b) Explain the benefits of biological diversity. 5
4. (a) Describe the grassland and forest ecosystem. 5
(b) Short note on public awareness about the environment. 5
5. (a) What is noise ? Describe briefly the effect of noise on human health. 5
(b) Discuss the salient features of the environment (protection) Act, 1986. 5
6. (a) Discuss the role of information technology in environment and human health. 5
(b) Discuss the causes and effect of global warming. 5
7. (a) Discuss the effect of water pollution. 5
(b) Give an account of woman and child welfare in India. 5