

Code No: RA CE 05239B

RA

III B.Tech I Semester(R05) Supplementary Examinations, May 2011
ENVIRONMENTAL STUDIES
(Civil Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. (a) Define "Environmental Studies"?
(b) Explain the components and scope of Environmental studies. [4+12]
2. Discuss natural resources and associated problems by focusing your attention on :
(a) The unequal consumption of natural resources.
(b) Planning land use.
(c) The need for sustainable life styles. [5+5+6]
3. (a) Define ecosystem and list components of an ecosystem.
(b) Briefly explain the manner in which ecosystems are destroyed by human activities. [10+6]
4. Discuss the aesthetic value of nature with respect to the following statements.
(a) A true wilderness experience is an incredible learning experience.
(b) The beauty of nature encompasses every aspect of the living and non-living part of our earth. [8+8]
5. (a) Oceans are ultimate sink for most of the waste we produce. Explain.
(b) List off shore sources of Marine Pollution.
(c) Explain the effects of oil pollution on the ocean. [8+4+4]
6. (a) Explain the concept of sustainable development.
(b) What are the major obstacles in the path of sustainable development in India? [8+8]
7. Explain the push and pull factors which lead to migration from rural areas to urban centers. [16]
8. (a) Describe how you would methodically record the elements and resources in an ecosystem and assess its functioning.
(b) Based on your field visits, summarize your observations and findings of the water resource ecosystem in your region. [8+8]
