

IV B.Tech I Semester Regular Examinations, November 2008
ENVIRONMENTAL STUDIES
(Common to Mechanical Engineering, Electronics & Communication
Engineering, Computer Science & Engineering, Mechatronics, Electronics &
Computer Engineering, Instrumentation & Control Engineering and
Automobile Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. Explain the different areas of environmental conservation to which people belonging to different disciplines can contribute. [16]
2. (a) Write a detailed note on the problems arising out of overexploitation of forest resources.
(b) Describe how forest management is being done in India by citing any example. [6+10]
3. Write briefly about the following types of ecosystems. Bring out the unique characteristics, threats and also the action needed to overcome threats:
(a) Marine ecosystem
(b) Desert ecosystem
(c) Grasslands. [16]
4. (a) Explain the concept of ex-situ conservation and illustrate your answer with examples.
(b) What is an Integrated Protected Areas and how does it help in conservation of biological diversity. [10+6]
5. Write about some of the daily activities and usage of materials that impact the environment and explain how. [16]
6. (a) List the major Pollution control Acts in India.
(b) Discuss the role and activities of Central Pollution Control Board(CPCB). [4+12]
7. Explain the push and pull factors which lead to migration from rural areas to urban centers. [16]
8. Explain the causes and effects of air pollution by describing any urban or industrial area that you have studied. [16]
