

II B.Tech II Semester Regular/Supplementary Examinations, May 2010
ENVIRONMENTAL STUDIES

Common to CE, ME, BME, IT, MECT, MEP, BT, AME, MMT,
E.CONT.E, EIE, CSE, CSSE, EEE

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. (a) What is bio gas? Discuss the structure and function of biogas plants.
(b) Define rock. Describe rock cycle and name the three main rock types that it produces. [8+8]
2. Describe the Sources, Effects and Methods of control of the following:
(a) Sources of air pollution
(b) Pesticide Pollution. [8+8]
3. Discuss in detail, the following:
(a) Watershed management
(b) Urbanization and its effects. [8+8]
4. Prepare a detailed report on the maintenance and management of water and waste in your town/city. Give the reference of cities like Chandigarh, Surat and Curitiba. [16]
5. (a) What is the need for studying environmental issues?
(b) What is the scope of environmental education? [6+10]
6. (a) Write a note on artificial ecosystem
(b) Write a detailed note on Ideal Ecosystem. [8+8]
7. Discuss any FOUR of the following:
(a) 'Environmental education is a synonym of value education'
(b) 'Technology owes ecology an apology'
(c) Man is the wildest of all animals; Man is the pest of the planet.
(d) Life after 100 years
(e) Extinction of mankind. [16]
8. (a) Enumerate five important biosphere reserves, national parks and wild life sanctuaries of India. Also mention the state where they are located.
(b) What do NBPGR and NBAGR stand for? Where are they located? [8+8]
