

Code.No: 43163

R07

SET-2

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
II.B.TECH - I SEMESTER REGULAR EXAMINATIONS NOVEMBER, 2009
ENVIRONMENTAL STUDIES

(Common to ECE, CHEM, ETM, ECC, AE)

Time: 3hours

Max.Marks:80

Answer any FIVE questions
All questions carry equal marks

- 1.a) Define environmental studies. Explain its scope and importance.
- b) What are the different activities to be organized to create environmental awareness among (i) Farmers (ii) Industrialist (iii) villagers [8+8]
- 2.a) What are benefits of dams? Explain environmental impacts of large dams.
- b) Explain the environmental impacts of (i) Fertilizer – Pesticide (ii) over grazing [8+8]
- 3.a) What is ecosystem? Compare nature ecosystem with engineered ecosystem with examples.
- b) Discuss the typical features of an estuarine ecosystem. [8+8]
- 4.a) What is biodiversity? Explain different types of biodiversity with practical examples.
- b) Explain in-situ and Ex-situ conservation of bio diversity with examples. [8+8]
- 5.a) Explain role of an individual in prevention of environmental pollution.
- b) Discuss the causes, effects and control measures of air pollution. [8+8]
- 6.a) What is enhanced global warming? Explain it's causes and effects on human health and natural resources.
- b) State the typical features of environmental protection act. [10+6]
- 7.a) What are women and child welfare schemes in India? Explain briefly
- b) Discuss the environment problems encountered in our daily life due to population explosion. [6+10]
- 8.a) What is the importance of an environmental awareness campaign? Share your experiences on attending / conducting such programs.
- b) Write a detailed report on characteristics, structure and functions of pond ecosystem which you have visited as part of environmental field visit. [8+8]
