Code.No: 43163 | R07 | SET-1

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

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1.a) What is Environmental Education? Explain its objectives and activities.
b) What is environment? Explain the various components of environment. [8+8]

2.a) What are alternate energy sources? Explain their present status, merits and demerits.
b) How land is a resource? Explain causes and control measures of land degradation. [8+8]

3.a) What are ecological pyramids? Draw ecological pyramids for a pond and a desert ecosystem.
b) Explain the characteristic feature, and functions of desert ecosystem. [8+8]

4.a) Discuss the causes of man-wild life conflicts. Suggest suitable wildlife conservation practices.
b) Explain the values of bio diversity [6+10]

5.a) What are sources of marine pollution? Explain its control measures.
b) What is thermal pollution? Explain its impacts in stream water Quality [8+8]

6.a) What is acid rain? Explain its impact on human health, land, and water bodies.
b) Explain the typical features of water (prevention and control) Act [10+6]

7.a) What are environment related diseases? Explain the various steps to be taken to control them.
b) Explain the variation of population growth among nations. [8+8]

8.a) Prepare a detailed report on the types of pollution produced due to a local polluted site in an urban area.
b) Prepare a detailed report on the management of water and waste water in your town/city. [8+8]

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