

Code No: R10207

R10**SET - 1****I B. Tech II Semester Supplementary Examinations, Nov/Dec - 2017****ENVIRONMENTAL STUDIES**

Time: 3 hours

(Comm. to CSE, EEE, CE, EIE, AE, BIO-TECH & AME)

Max. Marks: 75

Answer any **FIVE** QuestionsAll Questions carry **Equal** Marks

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1. a) Why the Environmental Studies is Interdisciplinary? Explain. (8M)  
b) Discuss about Various methods of creating awareness among Public about Environment and list importance. (7M)
2. a) Describe about sustainable life styles and explain how equitable use of resources will help in maintaining life styles. (8M)  
b) What is Water logging? Explain its effects and Preventive measures. (7M)
3. Discuss the structure, function and Characterize feature of the following ecosystems. (15M)  
i) Forest ecosystem ii) Manmade ecosystem iii) Desert ecosystem.
4. a) What are types and values of biodiversity? (8M)  
b) Write a detailed note on biodiversity of India. (7M)
5. a) What is meant by natural disasters? What are the measures to be taken to Prevent loss of life and economic losses. (8M)  
b) Describe London smog and Chernobyl disasters. (7M)
6. a) Discuss the urban problems related to Energy. Bring out the importance of use of Bio-fuel and other alternative sources of energy. (9M)  
b) Explain the terms: Climate change, global warming and acid rain. (6M)
7. a) Discuss "Population Explosion". (6M)  
b) Describe the role of family welfare programme in the control of population growth. (9M)
8. a) Explain how you would record the elements and resources of an ecosystem to assess its functioning. (7M)  
b) Write about your observations and conclusions about river ecosystems which you have visited. (8M)