

Code :CE05239C

RA

## III B.Tech I Semester(R05) Supplementary Examinations, May 2011

## ENVIRONMENTAL STUDIES

(Common to Electronics & Communication Engineering, Computer Science & Engineering,  
Computer Science & Systems Engineering, Electronics & Computer Engineering,  
Information Technology)

For students of RR regulation readmitted to III B.Tech I Semester R05

Time: 3 hours

Max Marks: 80

Answer any FIVE questions  
All questions carry equal marks

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1. Write a detailed note on the various institutions and organizations in the field of ?preservation of wildlife and knowledge of natural history.
2. Explain the resources from following sources on which man depends and explain briefly.
  - (a) Atmosphere
  - (b) Hydrosphere
  - (c) Lithosphere
3. (a) What is a food chain and food web? Describe the organisms which typically occupy various levels in an ecological pyramid.  
(b) What are the major types of ecosystems in the world? Write about any one briefly.
4. Which type of conservation is better? In-situ or ex-situ? Elaborate and explain your answer in detail.
5. (a) Oceans are ultimate sink for most of the waste we produce. Explain.  
(b) List off shore sources of Marine Pollution.  
(c) Explain the effects of oil pollution on the ocean.
6. (a) Explain the events leading to the formation and destruction of ozone in the stratosphere.  
(b) Explain the scope and significance of environmental ethics.
7. (a) Tuberculosis is one the environmentally related contagious diseases. Write briefly about the effects of this disease.  
(b) What is the extent of spread of this disease in various parts of the globe?
8. What are the problems encountered in the disposal of solid waste from various sources. Describe the outcome of poor management of solid waste, illustrating your answer with any case-study.

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