

## FOURTH SEMESTER B.TECH DEGREE EXAMINATION, JUNE 2010

## EN.04.402 – Environmental Studies

(2004 admissions)

[Common for all Branches]

Time : Three Hours

Maximum: 100 marks

Part A*(Answer any twelve questions)*

- 1 Write a note on scope and importance for public awareness.
- 2 Write about use and over-utilization of surface and ground water.
- 3 Explain about various types of mineral resources.
- 4 Write a note on Equitable use of resources for sustainable life style.
- 5 Explain about Desert ecosystem.
- 6 Write a short note on energy flow in the ecosystem-
- 7 Mention the name and area of Hot-spots of biodiversity in India.
- 8 Write the importance of conservation of biodiversity.
- 9 Write a short note on causes and effects of soil pollution.
- 10 Explain the main effect of thermal pollution.
- 11 Explain about role of an individual in prevention of pollution.
- 12 Write a short note on Disaster Management.
- 13 Explain about importance on Rain water harvesting.
- 14 Write a short note on Environmental ethics.
- 15 Write a note on pollution hazards.
- 16 Discuss about Human rights for clean environment. (12x5=60 marks)

Part B

- II. (a) Explain in detail on forest resources and deforestation.  
Or  
(b). Write briefly about renewable and non-renewable energy sources, use of alternative energy sources.
- III (a) Explain briefly about Food chains, food webs and ecological pyramids.  
Or  
(b) Write in detail on Biogeographical classification of India.
- IV (a) Discuss in detail on solid waste management  
Or  
(b) Explain in detail on causes, effects and control measures of air pollution
- V. (a) Write a brief notes on climate change, ozone layer depletion.  
Or  
(b) Explain in detail on role of information technology in Environment and human health.  
(4 x 10 = 40 marks)