



Seat No. : _____

XZ-131

B.Sc. Sem. – IV

April-2013

Environmental Science (204)

(Natural Resources & Conservations)

Time : 3 Hours]

[Max. Marks : 70

1. (a) Explain the threads to Biodiversity in detail. 7

OR

Discuss the Wildlife Management in India.

- (b) A brief account on the Fishery Science. 7

OR

Explain environmental impacts of GM crops with examples.

2. (a) A brief account on Mineral Resources. 7

OR

Explain the process and advantages of Microbial Leaching.

- (b) Describe the various issues of mining. 7

OR

Explain the various methods of mining.

3. (a) Explain the Renewable energy resources. 7

OR

A brief account on Non-Renewable energy Resources.

- (b) Describe the environmental impacts of the energy exploitation. 7

OR

Discuss the energy crises and conservation economics.

4. (a) Explain the per capita demand, consumption and uses of water. 7

OR

A brief account on Sardar Sarovar Dam.

- (b) Describe the Rain Water Harvesting as water conservation technique. 7

OR

Explain the causes, effects and management of Floods.

5. Answer the following : 14

- (1) Full form of IUCN.
 - (2) Define : Genetic Diversity.
 - (3) What is a Red Data Book ?
 - (4) Full form of AMD.
 - (5) Causes of depletion of mineral resources.
 - (6) Advantages of surface mining method.
 - (7) Disadvantages of Wind Energy.
 - (8) Which plants are used for extracting biodiesel ?
 - (9) Difference between Heat and Photovoltaic of solar energy.
 - (10) Enlist any two major water conflicts of India.
 - (11) Distribution of water in Hydrosphere.
 - (12) Enlist the names of any two major dams of India.
 - (13) Effects of Deforestation.
 - (14) Enlist the Endanger fauna of India
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