

BENGAL & SCIENCE UNIVERSITY SHIBPORE ENGINEERING

1st semester MTRP Examination-2011-2012

Subject:- Environmental Planning

Code-M.T.R.P-104

Full Marks-100

Time-3 hrs.

Q1) What was the beginning of environmental legislation in India? What power does the environment protection act of 1986 give to central government? How environmental laws are being enforced in India? Discuss about the gap between intention and implementation of the said law.

Or

Discuss in brief what do you understand by **Integrated Water Resource Management**. Give example of any one river basin management programme in West Bengal showing its success as well as problems if any.

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Q2) Discuss in brief the role of **Environmental Impact Assessment** as a planning tool. Describe the probable steps to be taken for such Assessment.

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Q3) What is **Solid Waste** and why does it require management? Discuss in brief how are they managed in urban areas.

Q4) What mineral resources are extracted in your state? What mining method are used? Are there any mining related law in your state? If so how stringently are those laws enforced?

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Q5) Trace the potential short and long term environmental impacts of the following human activities On wildlife, energy flows through ecosystems and on water, carbon, nitrogen cycles.

- i) Growing food as monoculture crops.
- ii) Cutting down diverse forests and replacing them with tree plantations.
- iii) Green Revolution by applying commercial fertilizers and pesticides.
- iv) Using air-conditioning
- v) Releasing sewage untreated in river.
- vi) Encouraging a community transport system in city.

Q6) Write notes on following:

- i) Kyoto Protocol and climate change.
- ii) Joint Forest Management in West Bengal.
- iii) Man and Biosphere Movement.
- v) Montreal Protocol and protection of ozone layer (20)

Q7) What is meant by treatment of water and why it is necessary? Describe the processes of treatment of surface water for a municipal town of 40,000 population.

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OR

How do you appreciate rehabilitation programmes in dam projects, mining projects, progress in Application of forest rights act.