2 PGDE ECON 3

2012

(Nov.-Dec.)

ECONOMICS

Paper : Eco-203

(Environmental Economics)

Full Marks – 80

Time – Three hours

The figures in the margin indicate full marks
for the questions.

1. (a) Define Environmental Economics. Why do we need a separate branch of study for Environmental Economics ? Trace out the evolution of the subject as a separate branch of study. 2+6+8=16

Or

(b) Distinguish between renewable and non-renewable resources. Illustrate the rule for optimal depletion of a non-renewable natural resource. 6+10=16

2. (a) Distinguish between market success and market failure. Show that a competitive market fails to allocate resources efficiently in presence of externality. 6+10=16

Or

(b) Elaborate the Coase theorem. What are the limitations of the Coase theorem? 10+6=16

3. (a) Write short notes on : 8+8=16

(i) Pollution Tax

(ii) Tradable Pollution Permit.

Or

(b) Explain the idea of sustainable development. Discuss how the indicators of sustainable development are constructed under the System of Environment and Economic Accounting (SEEA). 6+10=16

4. (a) What is global warming ? What are the evidences of global warming in the Indian context ? Discuss how the "public good" characteristic of the climate comes in the way of having a solution to global warming. 2+6+8=16

Or

(b) Define bio-diversity. Why is conservation of bio-diversity important ? Discuss the efforts made at the international level so far to combat the loss of bio-diversity.

2+6+8=16

5. (a) What are the major environmental challenges faced by North-East India ? Do you think that the market-based instruments of controlling pollution may be a better option to combat the environmental problems faced by North-East India ?

8+8=16

Or

(b) Discuss the community-level programmes introduced by the Government of India to combat the environmental challenges. 16