



6-6-013

**DOON UNIVERSITY, DEHRADUN**  
**Semester Final Examination, II Semester 2013**  
**School of Social Sciences**

**M.A Economics**  
**Course: SSE-533: Environmental Economics**

**Time Allowed: 3 hrs.**

**Max. Marks: 50**

**Note: Attempt All Questions from Sections A,B,C.**

**SECTION : A**

**All questions are compulsory and carry equal marks.**

**(Marks: 5x2=10)**

1. Define environmental Kuznet's curve.
2. If  $x$  is the units consumed of a private good and  $e$  is the environmental quality, express the well being of an individual  $i$ . Give the mathematical expression for the well being of the  $i$ -th individual.
3. State the Coase Theorem.
4. Define total economic value of a public good.
5. If there are 100 firms producing a pollution generating product, is it possible to reduce pollution through bargaining between the polluter and the victim without government intervention? Explain.

**SECTION : B**

**Answer any FOUR.**

**(Marks: 4x5=20)**

1. Differentiate between circular flow model and material balance model.
2. How does the market demand for a public good differ from that of a private good? Graphically explain your answer.
3. Discuss the Hedonic pricing approach to measuring environmental benefits.
4. When was the National Environmental Policy Act passed? Discuss the basic objectives of NEPA.
5. Define common property resource. Explain how a common property resource differs from a public good. Give examples.

**SECTION : C**

**Answer any TWO.**

**(Marks: 2x10=20)**

1. What do you mean by sustainable development? How is sustainable development related to the environment? Explain how an economy's GDP can be corrected for environmental protection.
2. What do you mean by risk assessment? Discuss the various steps in risk assessment process for environmental protection.