

(Following Paper ID and Roll No. to be filled in your
Answer Books)

Paper ID :121668

Roll No.

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B.TECH.

Theory Examination (Semester-VI) 2015-16

ENVIRONMENTAL ECONOMICS

Time : 3 Hours

Max. Marks : 100

SECTION-A

1. Attempt all parts. All parts carry equal marks.

Write answer of each part in short.

(2×10=20)

- (a) Define environmental economics.
- (b) How does non-exclusion cause market failure?
- (c) Identify environmental pollution and sources.
- (d) Enlist price rationing charges.
- (e) What is deposit refund system?

- (f) State Baumol Oates Least Cost Tax theorem.
- (g) Classify pollutants based on the concept of time.
- (h) How does Transboundary pollution travels?
- (i) Mention the adversities of pollution on markets.
- (j) Taxes yield lower expected losses than permits. Why?

SECTION-B

2. Attempt any five questions from this section.

(10 x 5=50)

- (a) Mention various pollutants and bring out their impact on environment.
- (b) Discuss the six cases of market failure.
- (c) Explain in detail about quantity rationing in economic incentives.
- (d) Summarize the problems with pollution taxes.
- (e) What is a externality? Give an example of environmental externality? Give example of an action by one economic agent that affects another economic agent that is not an

externality. Explain why your example is not an externality.

- (f) In detail, elaborate the sustainable development due to environmental economics.
- (g) Elucidate the basic theory of tradable pollution permits.
- (h) Predict the role of international organizations for environmental protection.

SECTION-C

Note: Attempt any 2 questions from this section.

(15 x 2=30)

- 3.
 - (a) Discuss the scope and significance of Environmental Economics.
 - (b) Outline the practical conditions for use of economic incentives.
- 4.
 - (a) Illustrate the efficiency properties of a tax on emissions.
 - (b) Elaborate issues in tradable permits.

5. (a) Write the types of liability rules and explain in detail.
- (b) Write short notes on :
- (i) Transboundary pollution
- (ii) Evaluation criteria for economic incentives.

