

Shahil Islam 21/12/15

3 (Sem-5) ECO M 3

2015

ECONOMICS

(Major)

Paper : 5.3

(Introduction to Environmental Economics)

Full Marks : 60

Time : 3 hours

The figures in the margin indicate full marks
for the questions

1. Answer the following questions : 1×7=7

(a) Define environmental economics.

(b) What do you mean by rivalry?

(c) Is environment a pure public good?

(d) What is free-rider problem?

(e) What is the most significant greenhouse gas in quantitative terms? *Carbon dioxide*

(f) "Pollution is a negative externality."
Write whether the statement is true or *True*
false.

(g) Give one example of environmental problems of global concern.

A16/190 *Environment destruction caused
by human & we (Turk Over)*

(2)

2. Answer the following questions :

- (a) Explain the term 'negative externality'.
20
- (b) What is tradable permit?
- (c) Mention the scope of environmental economics.
- (d) Give any two effects of environmental degradation.

3. Answer any three of the following questions :

- 5×3=15
- (a) Distinguish between public goods and private goods.
- (b) Discuss environmental Kuznets' curve.
- (c) "Pollution tax is an efficient means of pollution control." Do you agree? Give reasons.
- (d) What is transboundary pollution? Explain.
- (e) What do you mean by ozone layer depletion? Explain.

(3)

4. Answer any three of the following questions :

- 10×3=30
- (a) Explain the interlinkages between the economy and the environment. 10
- (b) What is tragedy of commons? Explain the concept with suitable example. 3+7=10
- (c) What is market failure in the context of environmental goods? How can the problem of market failure be resolved? 3+7=10
- (d) Explain the different tools for pollution control. Discuss their relative merits and demerits. 6+4=10
- (e) Explain climate change as a global environmental issue. What are the main causes of climate change? 5+5=10
- (f) Explain the case of positive externality. How can it be internalized? 5+5=10
