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PG Even Semester (CBCS) Exam., May—2018

ECONOMICS

( 4th Semester )

Course No. : ECOCC-401

( Environmental Economics )

*Full Marks : 70*

*Pass Marks : 28*

*Time : 3 hours*

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

Answer **five** questions, taking **one**  
from each Unit

UNIT—I

1. Discuss the conditions of optimal extraction of exhaustible resources. How does the owner of an exhaustible resource attain inter-temporal efficiency in its use? Explain with suitable diagram. 7+7=14

2. (a) Do you think that maximum sustainable yield is consistent with efficient yield? Justify your answer taking the case of fishery.
- (b) What role do property rights play in efficient harvesting of fishery? Elaborate. 10+4=14

UNIT—II

3. What are the problems of environmental externalities? Do you think that Pigovian taxes is a solution to these problems? Explain. 4+10=14
4. Examine the importance of pollution prevention, control and abatement. Point out the importance of command and control approach. 10+4=14

UNIT—III

5. (a) Write a note on the taxonomy of environmental values.
- (b) Why is valuation of environment important? Why do we need separate tools for environmental valuation? Discuss. 6+(5+3)=14

6. (a) Distinguish between revealed preference and stated preference methods of environmental valuation.
- (b) Discuss the travel cost method of valuing recreational benefits of an environmental amenity. 4+10=14

UNIT—IV

7. What is sustainable development? Explain the indicators of sustainable development. 4+10=14
8. What are the differences between System of National Accounts (SNA) and Integrated Environmental and Economic Accounting (IEEA)? Explain briefly the concept of 'Green GDP'. How is it measured? Elaborate. 6+4+4=14

UNIT—V

9. Differences in environmental regulations entail a pattern of international specialization in which dirty industries have a tendency to gravitate towards the South. How do you argue theoretically in favour of this claim? Explain briefly. 14
10. Write short notes on the following : 7+7=14
- (a) Natural Resource Accounting
- (b) Forestry Policy in India

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