

QP Code : 23/PT/11/XIII

POST-GRADUATE COURSE

Term End Examination — June, 2023/December, 2023

ECONOMICS

Paper-XIII : ENVIRONMENTAL & RESOURCE ECONOMICS

Time : 2 hours]

[Full Marks : 50

Weightage of Marks : 80%

Special credit will be given for precise and correct answer. Marks will be deducted for spelling mistakes, untidiness and illegible handwriting. The figures in the margin indicate full marks.

Use of scientific calculator is strictly prohibited.

1. Answer any *four* of the following questions : $2\frac{1}{2} \times 4 = 10$
- a) How does externality in production lead to environmental problems ?
 - b) What is market failure ?
 - c) What is climate change ?
 - d) What do you mean by valuation of environment ?
 - e) Define renewable resource.
 - f) What is meant by loss of bio-diversity ?
2. Answer any *four* of the following questions : $5 \times 4 = 20$
- a) Explain how social costs and benefits are related to environmental problems.
 - b) Examine the role of taxes and subsidies in controlling pollution.
 - c) Explain the concept of green accounting in national income.
 - d) What is tragedy of the commons ?
 - e) How are production, carbon emission and pollution related ?
 - f) Explain how deforestation affects the environment.

3. Answer any *two* of the following questions : 10 × 2 = 20
- a) What are common property resources ? How do they cause the problem of environmental sustainability ? Explain. 4 + 6
 - b) Examine the effect of globalisation on resource management and sustainable growth.
 - c) Explain the market and non-market instruments for pollution control. Write a note on carbon trading. 6 + 4
 - d) Discuss the role of community participation in resource management. How can the environmental regulations of the government help resource management ? 5 + 5
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