

**M.A. Hons. (5 years Integrated Course) Economics**

**Semester-IV**

**Environmental Studies Paper-BSECO-22**

**Time Allowed: 3 Hours**

**Max. Marks: 100**

**External: 70**

**Internal Ass: 30**

**UNIT-I**

Environmental Economics-Definition, Nature, scope and importance; Environmental legislation and implementation in India; Environmental policy frame work in India-problems of Command and Control regime; Environmental Pollution –Definitions, causes, effect and Control measures;

**UNIT-II**

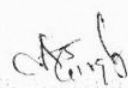
Ecosystems-meaning, types, structure and function, food chains, food webs and ecological pyramids;  
Biodiversity-Definition, value, levels and threats to biodiversity; Hotspot of biodiversity;  
Strategies for bio-diversity conservation

**UNIT-III**

Natural Resources-Types, classification, scarcity and its measurement; Management of common property resources; coase theorem;  
Sustainable development-measuring, objective, targets, measurements and policies for sustainable development; Kyota protocol, Earth Summit, Agenda-21

**UNIT-IV**

Water resource planning in India; Pani Panchayat model; Water conservation; Narmanda Dam, Tehri Dam, Solid Waste Management; Management of forests; Effects of deforestation  
Environment and energy policy.

  
Department of Economics  
Ch. Dew Lal University, Sirsa

**NOTE:**

1. The minimum marks required for passing in each paper and aggregate of semester examination shall be 40 and 50 per cent respectively.
2. The total marks for each theory paper will be of 100 marks including 30 marks for internal assessment. The question paper will consist of three sections. Candidates will be required to attempt all the sections as per the breakup given below:

**Section A (14 Marks):** It will consist of one question having seven parts of two marks each. Candidates will be required to attempt all the parts.

**Section B (14 Marks):** It will consist of three questions. Candidates will be required to attempt two questions, each question carrying seven marks.

**Section C (42 Marks):** It will consist of five questions. Candidates will be required to attempt three questions, each question carrying fourteen marks.

**Suggested Readings**

- Baumol, YAN and W.R. Ostes (1998).
- The Theory of Environmental Policy, Cambridge University Press.
- Bromely, D.W. (ed) (1995). Handbook of Environmental Economics, Blackwell, London.
- Hanley, N. and C.J. Roberts (ed.) (2002).
- Issues in Environmental Economics, Blackwell, Oxford, Macmillan.
- Kolstad, C.D. (1999) Environmental Economics, Oxford, New Delhi.
- Sankar, U. (ed.) (2001) Environmental Economics An Indian Perspective, Oxford, New Delhi.
- Sengupta, R.P. (2001) Ecology and Economics : An approach to Sustainable Development, Oxford, New Delhi.
- Chadha, G.K. (ed.) (2001) WTO and Indian Economy, Deep & Deep, New Delhi.
- Goodstein, E.S. (2002) Economics and the Environment, John Wiley, New York.
- Kadekodi, G.K. (2004) Environmental Economics in Practice, Oxford, New Delhi.

Chairperson  
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