2072
B.A./B.Sc. (Hons.) Sixth Semester
Economics
Paper – IV: Environmental Economics

Time allowed: 3 Hours

Max. Marks: 90

NOTE: Attempt _five_ questions in all, including Question No. I which is compulsory and selecting one question from each Unit.

x-x-x

I. Attempt any nine of the following:-

   a) Define environmental economics.

   b) What are non-convexities?

   c) What is entropy law?

   d) What are common property resources?

   e) What do you mean by least cost solution?

   f) What is abatement cost function?

   g) What is marginal damage curve?

   h) Define total willingness to pay.

   i) Define travel cost method?

   j) Why valuation of environment goods is important?

   k) Differentiate between weak sustainability and strong sustainability.

   l) What is discount rate?   (9x2)

UNIT – I

II. Discuss the two laws of Thermodynamics. How these law support material balance model?   (18)

III. a) Give a note on public goods and public bads.

   b) Write a note on problem of externalities in environment.   (2x9)

UNIT – II

IV. Write notes on:-

   a) Damage cost and abatement costs

   b) Command and control policies   (2x9)

V.   What is optimal level of pollution? Discuss the economic incentives to achieve the optimal level of pollution.   (18)

UNIT – III

VI.   Explain the economic methods for measuring environmental values.   (18)

VII.   a) Explain the types of environmental values.

b) Write a note on environmental Kuznets curve.   (2x9)

UNIT – IV

VIII.   How cost benefits analysis can be used for environmental problems and also give merits and demerits of cost benefit analysis in context of environmental goods. (18)

IX.   Write notes on:-

a) Economics of climate change

b) How international trade agreement are important for environmental issues?

(2x9)

x-x-x