PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MA DEGREE EXAMINATION MAY 2024
(Fourth Semester)

Branch - ECONOMICS

ENVIRONMENTAL ECONOMICS AND SUSTAINABLE DEVELOPMENT

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (5 x 1 = 5)

1   Environmental Economics is
    (i) Social Science
    (ii) Positive & normative Science
    (iii) Micro Economics
    (iv) Macro Economics

2   The concept of "pareto efficiency" in welfare economics implies
    (i)   No individual can be made better off without making someone else worse off
    (ii) The government should intervene in all economic transactions
    (iii) Government control over all economic resources
    (iv) Economic decisions should be based on majority preference

3   The Tragedy of the Commons is a theory put forth by
    (i) Garrelt – Hardin
    (ii) Adam Smith
    (iii) W.c.Clark
    (iv) Samuuelson

4   _____ fee is an emission fee exactly equal to the aggregate marginal damage caused by the emissions when evaluated at the efficient level of pollution.
    (i) Pigouvian
    (ii) Tobin
    (iii) Subsidy
    (iv) Customs

5   Sustainable development means
    (i) Developmet of under developed countries
    (ii) meeting the needs of the present generation without compromising the needs of the future generation
    (iii) Developmet of under developed resources
    (iv) Developmet of water resources

SECTION - B (15 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 3 = 15)

6   a.   State the concept of Environmental Economics.
                        OR
    b.   Illustrate the Material Balance Model.

7   a.   Explain the Environmental quality of land use.
                        OR
    b.   Determine the Pareto Criterion of Social Choice mechanism.

8   a.   Discuss the Environmental quality of public goods.
                        OR
    b.   Analyse the problem of second best.

9 a.   Sketch the stages of Cost Benefit Analysis.
OR
   b.   Evaluate the Green National Accounting.

10 a.   State the Cause of Climate Change.
OR
   b.   Explain the Cross border management of Environmental Resources.

SECTION -C (30 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5 x 6 = 30)

11 a.   Classify the Renewable and Non renewable resources.
OR
   b.   Categorize the various kinds of Externalities.

12 a.   Predict the types of Environmental Quality.
OR
   b.   Enumerate the environmental significance of the Maximum Social Welfare.

13 a.   Elucidate the Features of Common Property Resources.
OR
   b.   Analyze the imperfect Market Externalities and Efficiency.

14 a.   Develop the Travel Cost Method of environmental value.
OR
   b.   Critically analyze the Pigouvian fees.

15 a.   Assess the significance of Environmental impact assessment system.
OR
   b.   Interpret the obstacles of sustainable economic development.

Z-Z-Z   END