Jadavpur University
Department of Economics

M.Phil. Course Work in Economics Supplementary Examination, 2022

1ˢᵗ Year, 2ⁿᵈ Semester

Paper: Economics of Climate Change

Time- 2 hours   **Full Marks- 30**

Section-A

Answer any two questions   **10x2=20**

1. Discuss various components of benefit and cost estimation in benefit-cost analysis.   5+5

2. Why is the 'Coase Theorem' important in environmental economics? Explain graphically. What are the assumptions of the theorem?   3+4+3

3. Define environment. Discuss the interlinkage between environment and the economy. Explain the two laws of thermodynamics in the context of environmental economics.   2+5+3

Section-B

Answer any two questions   **5x2=10**

4. Discuss the method of discounting in cost-benefit analysis. Define Expected Present Value of Net Benefits (EPVNB).   3+2

5. Evaluate the impact of 'future climate change' on nature and health.   2.5x2=5

6. What are aerosols? What are the driving forces behind emission of greenhouse gas?   2+3