

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

Mid-Autumn Semester Examination 2022-23

Subject: Environmental Economics

Duration: 2 Hours

Subject Code: HS31072

Marks: 30

Department: Humanities and Social Sciences

A. Answer any three of the following questions

[3x6=18 marks]

- ✓ A1. Define material balance principle. Explain the environmental consequence of material balance inequality.
- A2. Define IPAT model. Explain the process of environmental impact in a IPAT framework.
- ✓ A3. Discuss the green growth implication of energy transition. Analyse the green growth as a solution for environmental crisis.
- ✓ A4. Why does globalization squeeze renewable energy? Discuss!

B. Answer the following short notes

[2x6=12 marks]

- ✓ B1. Abiotic and Biotic
- ✓ B2. Renewable energy and exhaustible resources