

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

End-Autumn Semester Examination 2022-23

Subject: Environmental Economics

Duration: 3 Hours

Subject Code: HS31072

Marks: 50

Department: Humanities and Social Sciences

A. Answer any six of the following questions

[6x7=42 marks]

A1. Define energy-led growth hypothesis. Explain the implications of energy-led growth hypothesis on environmental quality in long-run.

A2. What is green growth? Is green growth relevant for poor economies frequently grappling with the natural events?

A3. Is it really possible to have green growth for a poor economy? Provide the analytical basis.

A4. Define robust institutions. Discuss as to why similar-looking nations differ so greatly in their environmental sustainability.

A5. Elaborate tragedy of the commons. What is the role of governance in tackling the tragedy of the commons? Discuss!

A6. Environmental pollution is due to the market failure. Explain the reasons for market failure and how to correct it in ecological context.

A7. What is environmental stress? Discuss the possibility of environmental stress within a cost-benefit approach.

B. Answer any two of the following short notes

[2x4=8marks]

B1. Sustainable Development

B2. Inverted U-shaped Kuznets Curve hypothesis

B3. Pollution Haven Hypothesis