# Worksheet: Environment and Sustainable Development

Tamil Nadu State Board · Class 11 · Economics · 3 questions · 13 marks

| Name: _____ | Date: _____ | Score: _____ / 13 |
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**Q1.** State the Brundtland Commission's definition of sustainable development. Using this definition, explain why building a large dam that displaces 50,000 tribal people and submerges a forest may not be 'sustainable development.' *[3 marks]*

**Q2.** A paper mill on the Cauvery River discharges untreated effluents. Its private production cost is ₹50 per tonne of paper. However, downstream farmers lose ₹20 per tonne worth of irrigation water quality, and fishermen lose ₹15 per tonne in fish catch. (a) Calculate the social cost per tonne. (b) What is the externality? (c) What policy can internalise this externality? *[4 marks]*

**Q3.** Describe India's four major environmental problems. For each, explain the economic cause and suggest one specific policy solution used by India. *[6 marks]*