

ELECTIVE PAPER

MEN-E 304: Sustainable Development, Eco – Tourism and Env. Economics M.M.: 70

Unit I

Sustainable Development – scope & definition, parameters of sustainability, Population stabilization, integrated land use planning, conservation of biological diversity, control of pollution, development of non-polluting renewable energy systems. Recycling of wastes/residues, ecologically compatible human settlement and slum improvement, environmental education and awareness.

Unit - II

Sustainability of Water Resources, Sustainable Management of Forests, sustainable agricultural rotation of crops, organic farming. Environmental movements and role of NGOs in sustainable development. Global policy for sustainable development – world summits. Urbanization and its impact on Environment. Rural and Urban planning for sustainable development.

Unit III

Concepts of Tourism - Classification – Religious Tourism – Cultural Tourism – Heritage Tourism – Monumental Tourism – Adventure Tourism – Mass Tourism – Sustainable Tourism – Core indicators, Consumptive and Non-Consumptive Tourism. Principles of Ecotourism –Concepts of Ecotourism – Origin of Ecotourism – Objectives of Ecotourism – Benefits of Ecotourism – Trends affecting Ecotourism. Infrastructural Facilities for Ecotourism – Maintenance of Ecological Centers Target group of Ecotourism – Ecotourism and Conservation.

Unit IV

Impact of Ecotourism – Economic Impacts (Fiscal Impacts, Concept and Methods) – Types and Degree of Impacts from Ecotourism activities – Socio-cultural Impacts – Ecotourism related organization – Ecotourism Research-Disasters and Ecotourism-Role of ethics in ecotourism, professional certification and accreditation, Rules & regulation for Eco- tour operators and tourists. Wild life tourism in India, PAN-Environmental services, Indigenous- sensitive ecotourism. Advantages and Disadvantages of Ecotourism- Eco-branding and Eco-labeling of Ecotourism Products - Marketing of Ecotourism. World ecotourism summit, 2002.

Unit V

Fundamentals and theories of environmental economics: Principles of cost-benefit analysis, cost effective analysis, environmental issues in the Five-Year Plans, Joint Forest management for optimal property rights, economic value of India's forest stock and economics of forest products in India. Environmental Statement (ES), ES of Government of India and its contents, Introduction to environmental audit: Guidelines and methodology, purpose and needs; Natural resource accounting for Indian condition:

NOTE: The question paper shall consist of two sections (A & B). Section A shall contain ten short answer type questions of six marks each and student has to attempt any five questions in about 150 words each. Section B shall consist eight long answer type questions of ten marks each and student shall be required to attempt any four questions in detail. Questions shall be uniformly distributed from the entire syllabus. The previous year paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.