

COURSE WORK FOR PH.D IN EDUCATION

COMMON PAPER

Environmental Education and Management

Unit I: Environmental Education and Pollution:

Meaning - Definition of Environmental Hazards and Pollution – Types of Environmental Hazards and Disaster - Types of Pollution: Land – Air – Water - Noise and Radiation - Green House Effect - Ozone Layer Depletion.

Unit II: Environmental Management and protection:

Need for environmental Management – Function and Characteristics of Environmental Management – Dimensions of Environmental Management. Factors Responsible for Flora and Fauna Extinction – Measures to Conserve Flora and Fauna - Causes for Forest Fire - Measures of Prevention.

Unit III: India and Environmental Issues and Policies:

Major Environmental Problems in India – Environmental Production and Policies in India – Need and Objectives of Conservation - Environmental Conservation Measures taken in India - Constitutional Amendments made and Environmental Laws.

Unit IV: Environmental Movements and Developments:

Environmental Movements in India: Silent Valley Movement - Chipko Movement - Narmada Bachao Andolon - National Test Range at Baliupal – Orissa - conditions for achieving the Goals of Sustainable Development in India.

Unit V: EM-1 and its applications:

What is EM? – Micro organism in EM Mud Balls - EM Technology - EM in – Agriculture - Animal Husbandry – Aquaculture - Waste water Management - Solid waste Management - Industrial Effluent Treatment.

UNIT –V(a)

Plagiarism – Definition – History of Plagiarism – Key to avoid Plagiarism – Different forms of Plagiarism – Intentional – Unintentional – Non – Attribution – accidental – Common Plagiarism Problems – Six ways to avoid plagiarism in Research Report – Paraphrase – cite – Quoting – Citing Quotes – Citing one’s own material – Referencing – Plagiarism checker services – Softwares – write check – VAIL Tutor Tool – Plagiarism Test – Pen and Paper plagiarism Knowledge Test – etc. UGC Public notice dated 01.09.2017

References:

1. Sean Mc.B Carson, 'Environmental Education (Principles and Practice)', Edward Arnold Publishers Ltd, Malta London.
2. Dr.R.C.Sharna, 'Environmental Education', Metropolitan Book Pvt. Ltd., New Delhi.
3. M.S.Rathore, 'Environment and Development', Rawat Publications, New Delhi.
4. P.P.Singh Sandhie Sharma, 'Environment and Pollution Education', Deep and Deep Pub. Pvt. Ltd., New Delhi.