

**Madhya Pradesh Board Environmental Studies Syllabus for Class 10**

Environmental Education & Disaster Management syllabus for class X\_2007-08

Internal Examination-2007-08

I	Restoring Balance in Ecosystem	<ul style="list-style-type: none"> <li>-Need for adopting control measures to check spoilage of landscape.</li>   <li>- Need for conservation and management of water integrated water shed management, recharging of ground water including rain water harvesting development of appropriate technology.</li>   <li>- Conservation and management of forests, grassland, and semi-arid ecosystems.</li>   <li>- Conservation and management of ocean resources marine and coastal eco-system, importance of coral reefs.</li>   <li>- Conservation and management of soil- alternate cropping, judicious use of inputs like water, fertilisers, pesticides; use of manure, bio-fertiliser and bio-pesticide; plantation and conservation of grasslandsto check soil erosion; forest conservation including Joint Forest Management (JFM).</li>   <li>afforestation including social forestry and agro-forestry.</li>   <li>- Measures to conserve wildlife-national parks, sanctuaries and bio-reserves; breeding programmes for endangered species; preventing poaching, hunting and bio-piracy; enforcement of legal provisions.</li>   <li>- Applications of bio-technology.</li>   <li>- Public awareness programmes concerning conservation of water, soil, air, forests and other resources.</li>   <li>- Relevance of indigenous practices.</li>   <li>- Tribal culture and its linkages with forest resources and their conservation.</li> </ul>	10 Marks
II	Pollution	<ul style="list-style-type: none"> <li>- Types of pollution- air, water (fresh and marine), soil, radiation and noise.</li>   <li>- Sources of pollution and major pollutants; oil spills.</li>   <li>- Effects of pollution on- environment, human health and other organisms.</li>   <li>- Abatement of pollution.</li> </ul>	15 Marks
III	Issues of the Environment	<ul style="list-style-type: none"> <li>- Decline in forest, agricultural and marine productivity and its effect on economy.</li>   <li>- Resettlement and rehabilitation of people.</li>   <li>- Energy crisis- urban and rural sectors.</li>   <li>- Greenhouse effect and global warming.</li>   <li>- Climatic changes.</li> </ul>	15 Marks

		<ul style="list-style-type: none"> <li>- Acid rain.</li> <li>- Ozone layer depletion.</li> <li>- Disaster- natural and man-made, disaster management.</li> </ul>	
IV	Striving for a Better Environment	<ul style="list-style-type: none"> <li>- Use of efficient and eco-friendly technology.</li> <li>- Sustainable use of resources.</li> <li>- Adoption of indigenous practices; sacred groves.</li> <li>- Consumer education-consumer rights, making correct choices while buying different items, food adulteration.</li> <li>- Community participation for ecological restoration and conservation. - Protection of wildlife; stopping of cruelty of animals.</li> <li>- Enforcement of acts, laws and policies.</li> <li>- Some success stories- use of CNG, Chipko Movement, water harvesting, Silent Valley and the like.</li> </ul>	10 Marks