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ENVIRONMENTAL STUDIES

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SYLLABUS

MODULE NO	CONTENTS
1	<ul style="list-style-type: none"> • Environmental Studies • Meaning • Scope • Importance
2	<ul style="list-style-type: none"> • Ecology and Ecosystems, • Biodiversity and its Conservation • Natural resources-meaning of ecology-structure and function of an ecosystem-producers- consumers- decomposers-energy flow in the ecosystem-ecological succession- food chain -food webs and ecological pyramids. • Ecosystem-concept-types of ecosystems-structure and functions of forest ecosystem, grass land ecosystem- desert ecosystem, aquatic ecosystem. • Biodiversity and its conservation- introduction- definition- genetic, species and ecosystem diversity- value of 19 biodiversity-biodiversity at global, national and local levels-India as a mega-diversity nation- hotspots of diversity • Threats to diversity-conservation of diversity in- situ, ex- situ. • Natural resources- features air resources, forest resources, water resources, mineral resources, food resources-energy resources, land resources- over exploitation of natural resources-consequences- conservation of natural resources- role of an individual in conservation of natural resources
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