

Z 402C - BIODIVERSITY AND WILDLIFE CONSERVATION

UNIT-I CONSERVATION BIOLOGY ESSENTIALS

1. Concept of Conservation biology
2. Natural resources, their classification, use and management
3. Biological Diversity its importance and need for conservation
4. Levels and Types of Biological Diversity

UNIT-II BIODIVERSITY CONSERVATION

1. Types of biodiversity conservation
2. Tools for biodiversity conservation
3. Role of different national and International agencies in biodiversity conservation
4. India Biodiversity Act (2005)

UNIT-III BIODIVERSITY MONITORING AND RESEARCH

1. Understanding Monitoring, Assessment and Inventorization
2. Basic protocols for biodiversity monitoring and research
3. Designing Biodiversity monitoring programme
4. Use of various software in biodiversity monitoring and research

UNIT-IV WILDLIFE MANAGEMENT

1. Wildlife management basics
2. Wildlife Management practices in India
3. Peoples' Participation and involvement in Wildlife Management
4. Protected areas, their types and their management