

SYLLABUS
ENVIRONMENTAL EDUCATION
MARKS DISTRIBUTION
FULL MARKS – 50
TOTAL MARKS IN THEORY (WRITTEN EXAMINATION) - 40
Streams – HS - 1ST YEAR (SCIENCE, ARTS, COMMERCE)

Unit-I: Environmental Education

Mark: 20

Chapter 1: Basic Components of Environment

- + Components of Environment
- + Environmental Segments
- + Environmental Education
- + Multidisciplinary nature
- + Need for environmental awareness

Chapter-2: Ecological Concept

- + Meaning of ecology and ecosystem
- Types of Ecosystem
- + Structure of ecosystem
- + Function of an ecosystem
- + Food chain, food web and trophic levels

Chapter-3: Biodiversity and its conservation

- + The term Biodiversity
- † Value of biodiversity
- † Threats to biodiversity
- † Conservation of biodiversity
- + National Conservation Strategies

Chapter-4: Natural Resources

- + Natural Resources
- + Different types of natural resources

- +Forest resources
- +Conservation of natural resources
- +Water resource
- † Land Resource
- + Mineral Resources

Chapter-5: Environmental Pollution

- + Introduction
- + The term pollution
- +Different types of pollution
- + Classification of pollutants
- + Causes of environmental Pollution
- + Air pollution
- + Vehicular emissions
- + Deforestation
- + Burning of fossil fuels
- +Rapid industrialization
- + Classification of air pollutants
- + Water Pollution
- + Water borne diseases
- + Soil Pollution
- + Noise Pollution
- + Environmental effects of solid wastes

Chapter-6: Social Issues and Environment

- + Concept of Sustainable Development
- + Sources of energy
- + Energy Conservation
- + Environment and Health
- +Greenhouse Effect
- + Global warming
- +Climate change

- + Depletion of ozone layer
- + Acid rain

Unit-II: Disaster Management

Mark: 10

Responsibilities and Precautions

- + Introduction
- + Natural Disasters
- + Man-made Disasters
- + Disaster Management
- + Role of Students in Disaster Management
- + Steps to be taken during Search and Rescue Operation
- + What 'Not to DO' during Disaster
- + Disaster Management Initiatives in India

Unit-III: Road Safety

Mark: 10

- + What does road safety mean?
- + Causes of road accidents
- + Issues of road safety
- + Some Statistics of Road Accidents
- + Rules of the Road
- + Must obey
- + While travelling by bus
- + Helmet
- + Vehicular emission pollution
- + Seat belt
- + Driving licence
- + Major Motor Vehicle Laws
- + International Driving Permit
- + Road signs
- + Traffic Light

Marks in Project: 10