

# **THIRD YEAR T. D.C.SCIENCE, 2018-19**

## **ENVIRONMENTAL SCIENCES**

### **PAPER-III**

#### **RESOURCE CONSERVATION, LEGISLATION, PLANNING AND WILD LIFE**

Duration: 3 Hrs.

M.M.: 50

#### **UNIT-I**

Natural resources and their conservation. Forests, minerals, water, aquaculture, sea, range management, land use; soil erosion and conservation.

#### **UNIT-II**

Concept of biological diversity, conservation of biological diversity, Endangered species, Red data book, threatened plant species of India; National Herbaria and Botanical Gardens.

#### **UNIT-III**

Wild life in India – Status and conservation efforts; protected species; Status of Wild life sanctuaries and National Parks in India; Biosphere Reserves.

#### **UNIT-IV**

Brief account of environmental acts and legislation; Role of UNEP, IUCN, ELC and MAB in conservation of nature and natural resources. Environmental Planning- problems of urban environment and planning; problems of rural environment and efforts for integrated rural development.

#### **UNIT-V**

Environmental Impact Assessment. Application of remote sensing for study and management of ecosystem. Concept of recycling and reuse of waste. Eco- conservation of Aravali.