

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.