

BBA III Sem

ENVIRONMENTAL SCIENCE

OBJECTIVE: To Introduce the concept of Environmental Science.

EXAMINATION

The internal examination will carry 40% mark i.e. 40 marks. The external examination will be of 60% marks i.e. 60 marks. The question paper will contain questions equally distributed in all units. In all, 8 questions will be asked in question paper out of which students will require to attempt 5 questions.

UNIT-I

Environment: meaning, structure and type of environment, components of environment, environment and society, environment and resources. Man Environment relationship: Approaches to study, Man's Interaction with environment (historical to present day).

UNIT-II

Environmental Degradation: Meaning of degradation, types of degradation, processes of degradation, causes of degradation, Religious and Philosophical factors, deforestation and environmental degradation, agricultural development and environmental degradation, population growth and environmental degradation, urbanization and environmental degradation, Modern technology and environmental degradation.

UNIT-III

Ecology and Ecosystem: Definition of ecology and ecosystem, types of Ecosystem, components of ecosystem, functions of ecosystem, Productivity and stability of ecosystems.

Environmental Disasters: Meaning and concepts, types of hazards and disaster, man induced and natural hazards, global warning, ozone depletion, green house effect and other major environmental problems.

UNIT IV

Environmental Pollution (Air, water, solid, noise pollution): Meaning, definition, sources, types, adverse effects and methods of control.

UNIT V

Environmental Planning and Management: Concepts, aspects and approaches, resources management, ecological management, biosphere reserves, management of wild life.

Environmental Regulation and Rules: Vision of environment by Govt. of India, Environmental Policy, waste disposal rules and laws and legislation enacted by Parliament for environmental protection.

BOOKS:

1. Environmental Geography By Savinder Singh
2. Environmental Concept/Issues By Rupa And Co.
3. Environment Rules and Regulation
4. Environment Mgt. Vikas Publication by G.N. Pandey.