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SYLLABUS

FOR

M. Sc. in ENVIRONMENT

Part - I & Part - II



VIDYASAGAR UNIVERSITY
MIDNAPORE - 721 102
WEST BENGAL

M. Sc. in Environment

Paper 1 :

Introduction to environmental studies :

Basic concepts of environmental studies. Orientation of environmental studies, Man-Environment-Nature nexus, Quality of life, living vis-a-vis environment components of environment, Air, land and water, Non-anthropogenic and anthropogenic changes in environment. Global environmental issues, Environmental hazards and signs, Environment and development.

Paper 2 :

Nature and Natural processes :

Components of the Earth : Lithosphere, Hydrosphere, Atmosphere and Biosphere.

Natural processes and its environmental impacts.

Environmental impacts on engineering construction and mining,

Natural Cycles :

Geological, Chemical and Biological cycles.

Climate of the Earth – oceanic and continental effects on climate.

Natural and man-made disasters and disaster management.

Resources, its type, utilisation and conservation.

Land use for various purpose : Agriculture, forestry, housing, building, forms of cities, roadways, mining etc.

Water : Types of water, global and natural situation, saving water.

Coastal Zone environment :

Role of Geologists and Geographers in rural and urban environmental planning.

