

Cross cutting issues : Environmental sustainability

Department of Zoology

Academic year 2016-2017

Subject: Zoology

B.SC

Semester-II

Paper-II

Title of the Paper: Ecology, Zoogeography and Animal Behaviour

Unit-I: Ecology-I

- Ecosystem structure and function.
- Energy flow in ecosystem.
- Food chain, Food web and ecological pyramids.

Unit-II: Ecology-II

- Concept of species, Population dynamics.
- Environmental pollution.
- Wildlife Conservation.

Cross cutting issues : Environmental sustainability

**Department of Zoology
Academic year 2017-2018**

Subject: Zoology

B.Sc

Semester-II

Paper-II

Title of the Paper: Ecology, Zoogeography and Animal Behaviour

Unit-I: Ecology-I

- Ecosystem structure and function.
- Energy flow in ecosystem.
- Food chain, Food web and ecological pyramids.

Unit-II: Ecology-II

- Concept of species, Population dynamics, growth curves.
- Environmental pollution.
- Wildlife Conservation.
- Biodiversity and hotspots of Biodiversity in India.

Cross cutting issues : Environmental sustainability

**Department of Zoology
Academic year 2018-2019**

Subject: Zoology

B.Sc

Semester-II

Paper-II

Title of the Paper: Ecology, Zoogeography and Animal Behaviour

Unit-I: Ecology-I

- Ecosystem structure and function.
- Energy flow in ecosystem.
- Food chain, Food web and ecological pyramids.

Unit-II: Ecology-II

- Concept of species, Population dynamics.
- Environmental pollution.
- Wildlife Conservation.

Cross cutting issues : Environmental sustainability

**Department of Zoology
Academic year 2019-2020**

Subject: Zoology

B.Sc

Semester-VI

Paper-VIII

Title of the Paper: Aquatic Biology

Unit-I: Aquatic Biomes

- Fresh water ecosystems.

Unit-II: Fresh water Biology and Marine Biology-I

- Physio-chemical characteristics of fresh water.

Unit-III: Fresh water Biology and Marine Biology-II

- Nutrient cycles.

Unit-IV: Management of Aquatic resources

- Aquatic Pollution.
- Sewage treatment and water quality assessment-BOD and COD.
- Water pollution acts of India.

Cross cutting issues : Environmental sustainability

**Department of Zoology
Academic year 2020-2021**

Subject: Zoology

B.Sc

Semester-VI

Paper-VIII

Title of the Paper: Aquatic Biology

Unit-I: Aquatic Biomes

- Fresh water ecosystems.

Unit-II: Fresh water Biology and Marine Biology-I

- Physio-chemical characteristics of fresh water.

Unit-III: Fresh water Biology and Marine Biology-II

- Nutrient cycles.

Unit-IV: Management of Aquatic resources

- Aquatic Pollution.
- Sewage treatment and water quality assessment-BOD and COD.
- Water pollution acts of India.

Cross cutting issues : Environmental sustainability

**Department of Zoology
Academic year 2021-2022**

Subject: Zoology

B.Sc

Semester-VI

Paper-VI

Title of the Paper: Ecology

Unit-I: Ecology-I

Ecosystem structure and functions.

Energy flow and ecosystem.

Food chain, food web and ecological pyramids.

Unit-II: Ecology-II

- Concept of species, population dynamics.
- Environmental pollution.
- Wildlife conservation.

Unit-III: Zoogeography

- Biodiversity and hotspots of Biodiversity in India.