

## Bio- Geography (Optional)

Subject Ref No : GEO 427

No. of Credits : 04

No. of Periods per Week : 04

Assignment/Sessionals : 20

Semester Exam : 80

**Unit I:** scope and development of Biogeography. Environments, Habitat and plant-animal association.

**There shall be period 8 and 15 marks for this unit.**

**Unit II:** Physical factors influencing world distribution of plants and animals; forms functions of ecosystem; Forest, Grassland, Marine and Mountain ecosystem.

**There shall be 12 periods and 15 marks for this unit.**

**Unit III:** Bio-diversity and its depletion through natural and man induced.

**12 periods and 15 marks for this unit.**

**Unit IV:** Human Ecology and environmental relationship.

**Periods 8 and marks 15.**

**Unit V:** Conservation and Management of ecosystems; Environmental hazards and problems of population; ozone depletion.

**20 periods and 20 marks for this unit.**

### Suggested Reading :

1. Agarwal D.P.: Man and Environment in India through Ages, Book and Book 1992.
2. Mathur H.S: Essential of Biogeography. Anuj Printers Jaipur 1998.
3. Pears N: Basic Biogeography 2<sup>nd</sup> edition. Longman London 1985.
4. Simmon I.G: Biography, Natural and cultural Longman. London 1974.
5. Tivy. J.I: Biography : A Study of plants in Ecosphere 3<sup>rd</sup> Edition. Olive an Boyd U.S.A. 1992.