

Total No. of Questions : 4]

SEAT No. :

[Total No. of Pages : 2

**P691**

**[5315] - 228**

**S.Y. B.Sc.**

**ENVIRONMENTAL SCIENCE**

**EVS-201 : Biological Diversity & its Conservation**

**(2013 Pattern) (Semester-II) (Paper-I)**

***Time : 2 Hours]***

***[Max. Marks : 40***

***Instructions to the candidates:***

- 1) All questions are compulsory.***
- 2) Neat and labelled diagrams must be drawn wherever necessary.***
- 3) Figures to the right indicate full marks.***

***Q1)*** Answer the following in one to two lines:

**[10]**

- a) Define the term: Biological Diversity.
- b) What is Endemism?
- c) Write the full form of IUCN.
- d) What are sacred groves?
- e) Write the names of Biodiversity hotspots of India.
- f) What are Transgenic organisms?
- g) State the difference between Insitu & Ex- Situ conservation techniques.
- h) Enlist any two Mega diversity countries of world.
- i) What are GMO's ? Name any two examples.
- j) Define: Environmental pollution.

***Q2)*** Write short notes on Any Two of the following:

**[10]**

- a) Udvardy's classification of Ecosystem diversity.
- b) Western Ghat as a hotspot.
- c) Measurement of Genetic Diversity.

***P.T.O.***

**Q3) Answer any two of the following: [10]**

- a) Describe any two traditional methods of Biodiversity conservation.
- b) Write in detail - Environment (Protection) Act 1986.
- c) Evolution and significance of Agrobiodiversity.

**Q4) Answer Any One of the following in 10-15 lines. [10]**

- a) Explain any five threats to Biodiversity.
- b) Discuss the community Participation in Biodiversity conservation.

