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**BOS 557**



**IV Semester M.Sc. Degree Examination, September/October 2022**  
**(CBCS)**  
**BOTANY**  
**Biodiversity and Conservation**

Time : 3 Hours

Max. Marks : 70

- I. Answer **any three** of the following. **Each** answer **not** exceeding **five** pages. **(3×10=30)**
- 1) Give an account of the phytogeographical regions of India.
  - 2) What is biological diversity ? Write on the diversity among different taxonomic groups.
  - 3) Write on the values of biodiversity at various levels.
  - 4) Bring out the various *in-situ* conservation methods.
  - 5) Explain the importance and methodologies used in environmental impact assessment.
- II. Answer **any six** of the following. **Each** answer **not** exceeding **three** pages. **(6×5=30)**
- 6) Centre of origin of plants.
  - 7) Megadiversity regions.
  - 8) Endemism.
  - 9) Botanical gardens.
  - 10) IUCN – classification of threatened plants.
  - 11) Environmental movements.
  - 12) Ecological restoration.
  - 13) CITES.
- III. Answer **any five** of the following. **Each** answer **not** exceeding **one** page. **(5×2=10)**
- 14) Migration routes.
  - 15) Joint Forest Management.
  - 16) Geographical indicator.
  - 17) MPCA.
  - 18) Community Biodiversity Register.
  - 19) Ramsar convention.
  - 20) GIS.
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