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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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