

**M.Sc. (ENVIRONMENTAL SCIENCE)
(MSCENV)**

**Term-End Examination
December, 2022**

**MEVE-014 : BIODIVERSITY CONSERVATION AND
MANAGEMENT**

Time : 3 hours

Maximum Marks : 100

Note : Answer any **ten** questions. All questions carry equal marks.

1. What is biodiversity ? Describe its type and value. 10
2. Why is biodiversity loss a concern ? Elaborate your answer, with suitable examples. 10
3. What are the major drivers of biodiversity loss ? 10
4. What is in situ conservation ? Describe any three methods of in situ conservation in detail. 10

5. Write short notes on any **two** of the following : $2 \times 5 = 10$
- (a) IPR and Biopiracy
 - (b) Convention of Biological Diversity
 - (c) Agriculture Biodiversity
 - (d) Forest Biodiversity
 - (e) Wetland Biodiversity
6. Explain hotspot of biodiversity and mega biodiversity centres and their role in conservation. 10
7. Describe methods of biodiversity estimation. 10
8. Give an account of India's biodiversity with reference to flora and fauna and conservation efforts. 10
9. Describe National laws related to biodiversity conservation. 10
10. What is conservation biology ? Describe the classical approach for conservation. 10

- 11.** Describe the role of bioprospecting and traditional knowledge in biodiversity conservation. *10*
- 12.** Explain the role of peoples movement and society in biodiversity conservation. *10*
- 13.** Describe the principles of ecosystem approach of biodiversity management. *10*
- 14.** What are protected areas ? Explain the role of protected areas in biodiversity conservation and management. *10*
-