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MEVE–014

M. SC. (ENVIRONMENTAL SCIENCE)

(MSCENV)

Term-End Examination

June, 2026

MEVE-014 : BIODIVERSITY CONSERVATION AND MANAGEMENT

Time : 3 Hours *Maximum Marks : 100*

Note : *(i) Answer any* ***ten*** *questions.*

(ii) All questions carry equal marks.

1. Explain the provisions of Biological Diversity Act, 2002. 10

2. Describe the Contributions of biodiversity in climate change adaptation. 10

3. What are the different types of ecosystem services provided by biodiversity ? Explain. 10

4. What is the concept of habitat fragmentation ? Explain the role of habitat fragmentation in biodiversity loss. 5+5

5. Describe the components and characteristics of ecosystem management plan. 10

6. What are the causes and consequences of land degradation ? Explain in detail. 10

7. What is the role of indigenous knowledge system in biodiversity conservation ? Explain with suitable example. 10

8. Explain the principles of conservation biology. 10

9. What are the advantages of sustainable harvesting of agriculture ? Explain. 10

10. Explain the role of participatory forest management in biodiversity conservation. 10

11. What are the different methods of *in-situ* conservation ? Explain with suitable examples. 10

12. What is green infrastructure ? Explain the role of green infrastructure in environmental management. 2+8

13. Explain the role of Ramsar convention in Wetland conservation. 10

14. Write short notes on the following : 5+5

    (a) Kyoto Protocol

    (b) Sacred trees

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