

A-0855

Total Pages : 3

Roll No.

ENS-502/EVS-502

LAND WATER AND BIO-RESOURCES

(M.Sc. Environmental Science MSCES)

Examination, June 2025

Time : 2:00 Hrs.

Max. Marks : 70

Note :- This paper is of Seventy (70) marks divided into two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

Section-A

Long Answer Type Questions 2×19=38

Note :- Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any *two* (02) questions only.

1. Define wetlands. What are the various types of wetlands and their characteristics? Also discuss the Ramsar convention.
2. What do you understand by hazards and disaster? Write a detailed note on land related hazards and their mitigation measures.
3. Discuss types of droughts. Discuss its causes and consequences.
4. What is meant by land degradation? Discuss in detail the various anthropogenic causes of land degradation.
5. What is biological diversity? Discuss the types and importance of biological diversity. Also discuss their conservation measures.

Section–B

Short Answer Type Questions 4×8=32

Note :– Section ‘B’ contains Eight (08) Short-answer type questions of Eight (08) marks each. Learners are required to answer any *four* (04) questions only.

1. Briefly explain forest resources and their importance.
2. Discuss the harmful effects of overgrazing on land and forests.
3. Write a short note on soil erosion.
4. Write a brief note on Wastelands of India.

5. Write a short note on 'restoration of wasteland'.
6. Discuss positive and negative impacts of dams and reservoirs.
7. Write a short note on 'Hotspots of biodiversity and their importance'.
8. Briefly explain the environmental problems due to mining.
