



K26P 0709

Reg. No. :

Name :

IV Semester M.Sc. Degree (C.B.C.S.S. – O.B.E. – Regular/Supple./Imp.)
Examination, April 2026
(2023 Admission Onwards)
BOTANY
MSBOT04E02 : Wetland Ecology

Time : 3 Hours

Max. Marks : 60

PART – AAnswer **any five** questions. **Each** question carries **3** marks.

1. Define freshwater wetlands with two examples.
2. What is wetland succession ?
3. Mention any three mangrove species found in India.
4. What are invasive plant species ?
5. State the importance of wetlands as nursery habitats.
6. Write a short notes on reproduction and dispersal mechanism of mangroves.

(5×3=15)**PART – B**Answer **any three** questions. **Each** question carries **6** marks.

7. Compare freshwater and coastal wetlands.
8. Explain structural and physiological adaptations of mangrove plants.
9. Evaluate the role of wetlands in biodiversity conservation.
10. Discuss community-based conservation initiatives in mangrove ecosystems.
11. Compare the role of traditional and hybrid rice varieties in promoting cultivation in saline habitats.

(3×6=18)

P.T.O.

K26P 0709

PART – CAnswer **any three** questions. **Each** question carries **9** marks.

12. Discuss the impact of climate change on wetland ecosystems and suggest mitigation measures.
13. Explain mangrove restoration practices with suitable examples.
14. Describe wetland vegetation dynamics and ecological succession.
15. Analyze the role of wetland-associated algae and fungi in biotechnology.
16. Discuss the problems caused by invasive plants in wetlands and management strategies.

(3×9=27)