K25P 2865

Reg. No. : .....

Name : .....

III Semester M.Sc. Degree (CBCSS – OBE – Reg./Supple./Imp.) Examination, October 2025
(2023 Admission Onwards)
BOTANY
MSBOT03 C11 : Environmental Science

Time : 3 Hours Max. Marks : 60

PART – A

Answer **any five** questions, **each** question carries **3** marks.

1. Differentiate Autecology and Synecology.
2. Write about ecotone and edge effect.
3. Brief Sorenson's index of similarity.
4. Compare *El-Nino* and *La-Nina*.
5. Write about Peoples Biodiversity Register.
6. Mention the economics of pollution control. **(5×3=15)**

PART – B

Answer **any three** questions, **each** question carries **6** marks.

7. Explain aerosol and its types.
8. Write a note on Microplastics.
9. Man and biosphere programme.
10. Explain the degradation of pesticides.
11. Elaborate various health issues related to pollution. **(3×6=18)**

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PART – C

Answer **any three** questions, **each** question carries **9** marks.

12. Explain energy audit and different approaches related to it.

13. Write an essay on conservation strategies, types and examples.

14. Outline global conservation efforts and programmes implemented for it.

15. Explain water pollutants, types and possible solutions for safe drinking water.

16. Describe solid waste, types and its management. **(3×9=27)**

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