



K24P 3082

Reg. No. :

Name :

III Semester M.Sc. Degree (C.B.C.S.S. – O.B.E. – Regular)

Examination, October 2024

(2023 Admission)

BOTANY

MSBOT03 C11 : Environmental Science

Time : 3 Hours

Max. Marks : 60

PART – A

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

1. Write about El Nino and its impact.
2. Point out the importance of biodiversity register.
3. Identify the factors affecting population growth.
4. Can you explain the importance of environmental economics ?
5. Differentiate bioremediation and phytoremediation with examples.
6. What are the objectives of environmental education ? How can you enhance the awareness among people ? **(5×3=15)**

PART – B

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

7. How can you explain sustainable development and connect it with ecological foot prints ?
8. Man animal conflict are very common now a days. Can you identify an example of such conflict and analyze the causes and solutions ?
9. Explain gene ecology and synecology.

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10. 'Green audit is important in every institution'. How can you make a green audit report in your institution ?

11. How can you explain the classification of communities ? **(3×6=18)**

PART – C

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

12. 'Causes of atmospheric pollution are diverse'. Can you identify different factors which reduces the air quality and analyze the measures to improve air quality ?
13. 'There are various methods for conservation of biodiversity'. Identify the types of conservation methods and analyze the importance of each.
14. Can you explain the characteristic features of different types of populations ?
15. 'Water pollution affect the biological diversity in ocean ecosystem'. Identify the sources of marine pollution and suggest possible solutions.
16. Solid waste management is major issue in most of the municipalities. Identify the problems associated with waste disposal and point out the measures to solve the problems. **(3×9=27)**