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Name.....

Reg. No.....

**THIRD SEMESTER B.VOC. DEGREE EXAMINATION
NOVEMBER 2025**

Common Course

A11—BIODIVERSITY – SCOPE AND RELEVANCE

(2019 Admissions)

Time : Two Hours and a Half

Maximum : 80 Marks

Section A (Short Answer Questions)*All questions can be answered.**Each question carries 2 marks.**(Ceiling 25 marks)*

1. What is Bio-prospecting ?
2. Define Endemism.
3. What are national parks ? Give one example.
4. Comment on ecosystem diversity.
5. What is remote sensing ?
6. Write a short note on ethical values of biodiversity.
7. What are botanical gardens ?
8. What is meant by biodiversity inventory ?
9. Distinguish between beta and gamma diversity.
10. Comment on IUCN redlist.
11. Write short notes on agro biodiversity.
12. Comment on the concept of gene bank.
13. What is climate change ? How it affect diversity of species ?
14. What are sacred groves ? How it helps in conservation ?
15. What are mega biodiversity nations ?

Turn over

Section B (Paragraph Type Questions)

All questions can be answered.

Each question carries 5 marks.

(Ceiling 35 marks)

16. Give an account of the magnitude of diversity of different organisms on earth.
17. What is bio prospecting ? How it is useful to mankind ?
18. Discuss the importance of biodiversity in daily life.
19. Write an account of biodiversity hotspots in India.
20. Discuss the reasons for the reduction of biodiversity.
21. How wild relatives of crop plants useful in agriculture.
22. Explain the methods for the conservation of genetic diversity.
23. Give an account of threatened categories.

Section C (Essay Type)

*Answer any **two** of the following questions.*

Each question carries 10 marks.

24. Give an account of the methods of monitoring biodiversity. Add a note of their limitations.
25. What is species extinction ? Explain the processes leading to species extinction.
26. Give an account of the economic benefits of biodiversity.
27. Explain the methods of biodiversity conservation citing suitable examples.

(2 × 10 = 20 marks)