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Name.....

Reg. No.....

**THIRD SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2021**

Common Course [B.Sc. L.R.P. (Alternate Pattern)]

A11—BIODIVERSITY—SCOPE AND RELEVANCE

(2019—2020 Admissions)

Time : Two Hours and a Half

Maximum : 80 Marks

Section A

*Answer at least **ten** questions.*

Each question carries 3 marks.

All questions can be attended.

Overall Ceiling 30.

1. What is ecosystem diversity ?
2. What is *ex situ* conservation ?
3. What is a gene bank ?
4. Write a note on national parks.
5. Write a note on biosphere reserves.
6. Write a note on species extinction.
7. What is genetic diversity ?
8. Expand IUCN.
9. What is an endangered species ?
10. Define species diversity.
11. What is a gene pool ?
12. Write a note on national parks.
13. What is a Wild Life Sanctuaries ?
14. What is a Threatened species ?
15. What is Antibiotics ?

(10 × 3 = 30 marks)

Turn over

Section B

*Answer at least **five** questions.*

Each question carries 6 marks.

All questions can be attended.

Overall Ceiling 30.

16. Write an outlines on the magnitude of bacterial and fungal diversity.
17. Explain the importance of biodiversity in daily life.
18. What are the conservation strategies of biodiversity.
19. Write an account on microbial culture collections.
20. Explain Agrobiodiversity with suitable example.
21. Write an account on the concept- *India as mega biodiversity nation*.
22. Write an account on biodiversity crisis.
23. Explain direct and indirect economic benefits of biodiversity.

(5 × 6 = 30 marks)

Section C

*Answer any **two** questions.*

Each question carries 10 marks.

24. Explain various causes and factors on Loss of Biodiversity.
25. Write an account on ethical and aesthetic values of biodiversity.
26. Write an account on the impact of climate change on biodiversity.
27. Explain different type of hot spots in India.

(2 × 10 = 20 marks)