Reg. No. : ....

Name : ....

VI Semester B.Sc. Degree (CBCSS – OBE – Regular) Examination, April 2023
(2020 Admission)
CORE COURSE IN LIFE SCIENCES (ZOOLOGY) AND COMPUTATIONAL
BIOLOGY
6B13 ZCB : Environmental Science and Biodiversity

Time : 3 Hours

Max. Marks : 40

PART – A

Write about **each** of the following in **2** or **3** sentences. **Each** question carries
1 mark. **(6×1=6)**

1. Protocooperation

2. Electrophoresis

3. EIA

4. Biosphere reserve

5. Biogeochemical cycle

6. Types of ecological pyramids.

PART – B

Explain **any six** of the following. **Each** question carries **2** marks. **(6×2=12)**

7. Liebig's law of minimum

8. Project tiger

9. EIS

10. Wetland reclamation

P.T.O.

11. Mutualism with examples.

12. Detritivores.

13. Food web with illustration

14. Trophic level.

PART – C

Explain **any four** of the following. **Each** question carries **3** marks.   (4×3=12)

15. How is material cycled in the environment ?

16. Levels of biodiversity.

17. Forest (Conservation) Act, 1980.

18. Significance of Western Ghats and Himalayas.

19. Desert adaptations in animals.

20. Population fluctuations.

PART – D

Explain **any two** of the following. **Each** question carries **5** marks.   (2×5=10)

21. Interspecific interactions in an ecosystem.

22. Explain the values of biodiversity.

23. Problems associated with wetland reclamation.

24. Write an essay on global warming and associated problems.

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