K25U 0301

Reg. No. : .....

Name : .....

Sixth Semester B.Sc. Degree (CBCSS – OBE – Regular/Supplementary/ Improvement) Examination, April 2025
(2020 to 2022 Admissions)
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. Chemoautotroph.
2. Nitrification.
3. Parasitism.
4. Biosphere.
5. EIS.
6. Global warming.

PART – B

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

7. What are the abiotic components of an ecosystem ?
8. Wildlife Protection Act, 1972.
9. Properties of population.
10. IUCN.

P.T.O.

11. Acid rain.

12. BOD.

13. Stratosphere.

14. Shelford law of tolerance.

PART – C

Write short essay on **any four** of the following. **Each** question carries **3** marks. **(4×3=12)**

15. Energy flow in ecosystem.

16. Population growth curve.

17. Importance of genetic diversity.

18. Botanical gardens.

19. Causes of air pollution.

20. Zones in aquatic ecosystem.

PART – D

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

21. Discuss on the molecular analysis of genetic diversity.

22. Give a brief account on laterite hills of Kerala.

23. Describe the causes, effects and remedial measures of noise pollution.

24. Give a general account on population interactions.

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