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SVIS-314 A-17

B.Sc. VIth Semester Degree Examination

Zoology

(Ecology, Zoogeography and Wildlife Biology)

Paper : 6.2

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

- 1) Answer **all** the sections
- 2) Draw diagrams wherever necessary

Section - A

I Answer the following in brief.

(15×1=15)

1. Fauna
2. Mutualism
3. Ecotone
4. Food web
5. Limnology
6. Producers
7. Biomass
8. Tropic level

9. Biodiversity
10. Tropical region
11. Hot spot
12. Red Data Book
13. BNHS
14. Endemic species
15. Extinct

Section - B

- II. A. Write short note on any three of the following : (3×5=15)**
16. Soil profile
 17. Gause's principle
 18. Natality and mortality
 19. Lentic and Lotic ecosystem
- B. Write a short note on any two of the following : (2×5=10)**
20. Wallace line
 21. Indian desert
 22. Ramsar convention

Section - C

- III. A. Write explanatory note on any Three of the following : (3×10=30)**
23. Biotic factors
 24. Effect of light on animals
 25. Ecological succession
 26. Estuarine Ecology

B. Write explanatory note on any one of the following :

(1×10=10)

27. Distribution of Wildlife in India

28. Neotropical and Nearctic realms with climatic conditions and fauna.



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