

Roll No. _____

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SVIS 348 A -2K12
B.Sc. VIth Semester Degree Examination
Zoology
Ecology, Zoogeography and Wild Life Biology
Paper - Z 6.2

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates.

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

Section - I

I. Answer the following in brief

(15×1=15)

- 1) Democology
- 2) Food web.
- 3) Benthic Zone
- 4) Ectone
- 5) Limnology.
- 6) Photo trophism.
- 7) Savanna biome.
- 8) Climax community
- 9) Lentic
- 10) In situ - Conservation
- 11) Red data book
- 12) BNHS.
- 13) Topographic barrier
- 14) Convention
- 15) NGO's

Section - II

- II. A)** Write a short note on **any three** of the following **(3×5=15)**
- 16) Gause's principle
 - 17) Lentic and Lotic ecosystem.
 - 18) Adaptation to extreme temperature
 - 19) Discontinuous distribution
- B)** Write a short note on **any two** of the following **(2×5=10)**
- 20) Ethiopian realm.
 - 21) Wild life in Andaman Nicobar.
 - 22) CITES and its activities.

Section - III

- III. A)** Write explanatory note on **any three** of the following **(3×10=30)**
- 23) Biotic factors of an ecosystem.
 - 24) Energy flow and law of thermodynamics.
 - 25) Ecological adaptation to Freshwater marine and terrestrial habitat.
 - 26) Animal relationship.
- B)** Write explanatory note on **any one** of the following **(1×10=10)**
- 27) Wild life problems
 - 28) Project tiger
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