

SVJS 312 A-2K14

B.Sc. VI th Semester Degree Examination

Zoology

(Ecology, Zoogeography and wild life Biology)

Paper - 6.2

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

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

Section-I

L Answer the following in brief: (15x1=15)

- 1) Commensalism
- 2) Phototropism
- 3) Lotic
- 4) Estuaries
- 5) Food web
- 6) Ecological Pyramids
- 7) Dematology
- 8) Niche
- 9) Producers
- 10) CITES
- 11) In situ conservation

- 12) Fauna
- 13) Littoralzone
- 14) Wild life
- 15) National park

Section-II

- II** A) Write a short note on any **Three** of the following: **(3x5=15)**
- 16) Soil profile
 - 17) Scope of ecology
 - 18) Natality and mortality
 - 19) Mutualism
- B) Write a short note on any **two** of the following. **(2x5=10)**
- 20) Ramsar convention
 - 21) Oriental realm
 - 22) Endangered species.

Section-III

- III** A) Write explanatory note on any **three** of the following: **(3x10=30)**
- 23) Estuarine ecosystem
 - 24) Effect of light on animals.
 - 25) Energy flow and law of thermodynamics
 - 26) Zonation of sea
- B) Write explanatory note on any **one** of the following: **(1x10=10)**
- 27) Climatic condition and characteristics of fauna of palaearctic realm
 - 28) Explain wild life problems and its conservation.