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SVIS-313 A-17
B.Sc. Vth Semester Degree Examination
Zoology
(Animal Behaviour Evolution and Paleontology)
Paper : 6.1

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. Stimulus
2. Instinct
3. Phototaxis
4. Drones
5. Camouflage
6. Species
7. Fungal garden
8. Altruism
9. Concealing mimicry
10. Troop
11. Isolation
12. Immigration
13. Over - production
14. Intra - species
15. Petrified fossil

Section - II

- II. A.** Write a short note on any **three** of the following : **(3×5=15)**
16. Patterns of Bird migration with example.
 17. Anandramous migration
 18. Courtship behaviour in scorpion
 19. Types of mimicry
- B.** Write a short note on **two** of the following : **(2×5=10)**
20. Survival of the Fittest
 21. Use and disuse theory
 22. Java man.

Section - III

- III. A.** Write an explanatory note on **Three** of the following : **(3×10=30)**
23. Describe conditional reflexes with experiment.
 24. Courtship behaviour in frog and Tilapia.
 25. Social organization in Honey bee
 26. Nesting behaviour in Birds.
- B.** Write explanatory note on any **one** of the following : **(1×10=10)**
27. Explain briefly principles of Lamarckism.
 28. Darwin's theory of Natural selection.

