

Roll No. \_\_\_\_\_

**SIIS-N-67-A-18**  
**B.Sc. II<sup>nd</sup> Semester Degree Examination**  
**ZOOLOGY**  
**(Biology of chordates)**  
**Paper-Z-2**  
**(New)**

Time : 3 Hours

Maximum Marks : 80

***Instructions to candidates:***

1. Answer **all** questions
2. Draw diagrams wherever necessary

**I** Answer the following in a word or sentence

**(15×1 = 15)**

- 1) Atlas
- 2) Ecdysis
- 3) Neoteny
- 4) Frugivorous
- 5) Notochord
- 6) Chondrichthyes
- 7) Syrinx
- 8) Heterodont
- 9) Archaeopteryx
- 10) Impennae
- 11) Cochlea
- 12) Diaphragm
- 13) Homeotherms
- 14) Urotelism
- 15) Urodela

**II.** Answer any **FIVE** of the following :

(5× 5= 25)

- 16) Characters of chondrichthyes
- 17) Membranous Labyrinth
- 18) Poisonous snakes of India.
- 19) General characters of Urochordates
- 20) Ecology and distribution of Amphibians
- 21) Draw a neat labelled diagram of Digestive system of Rat
- 22) Characters of Archaeornithes

**III.** Answer any **FOUR** of the following

(4× 10= 40)

- 23) Write the general characters and classification of class Mammalia upto subclass with examples
- 24) Describe the Arterial system of Rat
- 25) Explain the Flight adaptations of Birds
- 26) Explain the general organization of petromyzon
- 27) Explain Retrogressive metamorphosis in Urochordates
- 28) Describe the important characters of orders
  - i) Apoda
  - ii) Anura
  - iii) Urodela

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