

[Time: 3 Hours]

[Marks:100]

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory and carry equal marks.
 2. Figures to the right indicate full marks.
 3. Illustrate with neat labelled diagrams wherever necessary.
 4. Answer the question in proper order.

- Q.1** Attempt **any two**: **20**
- a) Describe the general characteristics of Cephalochordata with a suitable example.
 - b) Explain the general characters of Subphylum Vertebrata.
 - c) Trace the origin of chordates to Echinoderm ancestry.
- Q.2** Attempt **any two**: **20**
- a) Classify and describe the characteristic features of Superclass Pisces.
 - b) Explain the salient features of class Amphibia and add a note on tailless amphibian.
 - c) Classify and describe *Ichthyophis*.
- Q.3** Attempt **any two**: **20**
- a) With a help of a suitable example highlight the features of pouched mammals and primates.
 - b) Give an account of general characters of class Aves.
 - c) Describe the characteristic features of class Reptilia and explain characters of one example.
- Q.4** Explain the following with reference to shark (**Any two**): **20**
- a) Digestive system
 - b) Female Urinogenital system
 - c) Appendicular skeleton
- Q.5** Write short note on (**any four**): **20**
- a) Class Larvacea
 - b) *Amphiuma*
 - c) Class Placodermi
 - d) *Sloth*
 - e) *Sphenodon*
 - f) Economic importance of shark.
