



SN – 376

**III Semester B.Sc. Examination, November/December 2017  
(CBCS) (2015-16 and Onwards) (Freshers + Repeaters)  
ZOOLOGY (Paper – III)  
Chordata**

Time : 3 Hours

Max. Marks : 70

**Instructions :** 1) Draw neat labelled diagrams *wherever* necessary.  
2) Answer should be completely either in **Kannada** or in **English**.

**PART – A**

- I. Answer **any five** of the following : **(5×3=15)**
- 1) List the basic characters of chordates.
  - 2) Give the significance of ammocoete larva.
  - 3) Sketch and label the dorsal view of heart of scoliodon.
  - 4) Name the orders of class amphibia with an example each.
  - 5) Mention any three unique features of cetacea.
  - 6) What are exotic breeds of poultry ? Mention two classes.
  - 7) Differentiate milch breeds and drought breeds of cattle, citing suitable examples.

**PART – B**

- II. Answer **any five** of the following : **(5×5=25)**
- 1) Describe the externals of ascidian tadpole.
  - 2) Sketch and label the female urinogenital system in scoliodon.
  - 3) Give an account of origin of amphibia.
  - 4) Sphenodon is regarded as a living fossil. Justify.
  - 5) Enumerate the avian features of archaeopteryx.
  - 6) List any five distinctive features of class Mammalia.
  - 7) Give an account of *MDE T*.

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PART – C

III. Answer any three of the following :

(3×10=30)

- 1) Describe the externals of amphioxus.
- 2) List out the differences between chondrichthyes and osteichthyes.
- 3) Explain adaptive radiation in extinct reptiles with examples.
- 4) Enumerate the general characters of class aves.
- 5) Mention interesting features of :
  - a) Chiroptera
  - b) Insectivora.
- 6) Explain the techniques of fish processing and preservation.

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