



SS – 375

III Semester B.Sc. Examination, November/December 2018

(Repeaters – Prior to 2015-16) (NS – 2012-13 and Onwards)

ZOOLOGY (Paper – III)

Chordata

Time : 3 Hours

Max. Marks : 70

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

PART – A

I. Answer **any five** of the following :

(5×3=15)

- 1) Write a note on Ostracodermi.
- 2) Draw a neat labelled diagram of dorsal view of heart of Scoliodon.
- 3) Mention the three living orders of amphibia with an example each.
- 4) Write a note on anapsid skull.
- 5) Enumerate three salient features of ratitae.
- 6) Write a note on heterodont teeth.
- 7) Give an account of bi-products of poultry.

PART – B

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

(5×5=25)

- 1) Give the outline classification of phylum chordata.
- 2) Draw a neat labeled diagram of the digestive system of Scoliodon.
- 3) Write an explanatory note on origin of amphibia.
- 4) List any five distinctive characters of reptilia.
- 5) Enumerate the morphological flight adaptations in birds.
- 6) Highlight the interesting features of proboscidea.
- 7) Give an account of exotic breeds of poultry.

P.T.O.



PART - C

- III. Answer **any two** of the following : (2×10=20)
- 1) Explain filter feeding mechanism in Amphioxus.
 - 2) With a neat labelled diagram explain the afferent branchial system in Scoliodon.
 - 3) Enumerate the interesting features of (a) Sphenodon (b) Archaeopteryx.
 - 4) Give an account of diseases in Cattle.

PART - D

- IV. Answer **any one** of the following : (1×10=10)
- Write an essay on dentition in mammals.

OR

Explain the techniques of fish processing and preservation.
