



NS – 331

III Semester B.Sc. Examination, November/December 2016
(CBCS) (F + R) (2015-16 and Onwards)
ZOOLOGY (Paper – III)
Chordata



Time : 3 Hours

Max. Marks : 70

Instructions : 1) Draw diagram *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) Briefly explain the externals of Ascidia.
- 2) List three representatives of Dipnoi.
- 3) Write short notes on Apoda.
- 4) Mention any three orders of Reptilia with examples.
- 5) Give any six characters of Chiroptera.
- 6) Define Aquaculture and add a note on its importance.
- 7) Mention any three bi-products of milk.

PART – B

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

(5×5=25)

- 1) Describe Ammocoetus larva with a labelled diagram.
- 2) Briefly describe Ampulla of Lorenzini in Scoliodon.
- 3) List any ten characters of Pisces.
- 4) Mention any five differences between Ratitae and Carinatae.
- 5) List any five Reptilian characters of Archaeopteryx.
- 6) Mention salient features of Metatheria with examples.
- 7) Write a note on Artificial Insemination with reference to Cattle.

P.T.O.



PART - C

III. Answer **any three** of the following :**(3×10=30)**

- 1) Describe the circulatory system of *Amphioxus* with a neat labelled diagram.
 - 2) With the help of a neat labelled diagram describe male urinogenital system of *Scoliodon*.
 - 3) Explain Adaptive Radiation of Mesozoic reptiles with suitable examples.
 - 4) Give an account of Morphological and Anatomical flight adaptations in birds.
 - 5) Write the interesting features of the following :
 - a) Primates
 - b) Ungulata.
 - 6) Give an account of the following :
 - a) Poultry breed of American class
 - b) Pasteurization.
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