

SN – 377

III Semester B.Sc. Examination, Nov./Dec. 2017
(NS-2012-13 and Onwards) (Repeaters – Prior to 2015-16)
ZOOLOGY (Paper – III)
Chordata

Time : 3 Hours

Max. Marks : 70

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

PART – A

I. Answer any five of the following :

(5×3=15)

- 1) Draw a neat labelled diagram of Ascidian tadpole.
- 2) Give the significance of Ammocoete larva.
- 3) Sketch and label the dorsal view of heart of shark.
- 4) Write any three distinctive features of sphenodon.
- 5) List the reptilian characters in Archaeopteryx.
- 6) What are prototherian mammals ? Give two examples.
- 7) Write a note on poly culture.

PART – B

II. Answer any five of the following :

(5×5=25)

- 1) Sketch and label the externals of Amphioxus.
- 2) Differentiate between chondrichthyes and osteichthyes.
- 3) Give an account of origin of Amphibia.
- 4) Write the differences between Ratitae and carinitae.
- 5) List the characters of Megachiroptera.
- 6) Write a note on any two exotic breeds of poultry.
- 7) Explain MOET in cattle.

SN - 377



PART - C

III. Answer any two of the following :

(2×10=20)

- 1) Describe the brain of scoliodon with labelled diagrams.
- 2) Explain temporal fossae in reptilian skull.
- 3) Enumerate the general characters of class Mammalia.
- 4) Write notes on :
 - a) Biproducts of milk.
 - b) Any two diseases of poultry.

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PART - D

IV. Answer any one of the following :

Enumerate the flight adaptations in Aves.

(1×10=10)

OR

Give a detailed account of pisciculture.
