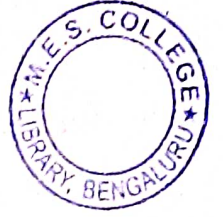


SN – 376



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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