



13MY 44 – II (13)

B.Sc. II Semester Degree Examination, May 2013  
ZOOLOGY  
Paper – 2.1 : Biology of Chordata and Histology

Time : 3 Hours

Max. Marks : 80

**Instructions :** 1) Answer should be **specific** to the question.

2) Draw a **neat** labelled diagram **wherever** necessary.

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

(2×10=20)

- 1) Dorsal tubular nerve cord
- 2) Ammocoete larva
- 3) Gnathostomata
- 4) Lateral line sense organs
- 5) Rodentia
- 6) Chelonia
- 7) Amniota
- 8) Sphenodon
- 9) Preen glands
- 10) Agricultural value of Birds
- 11) Circumvallate papillae
- 12) Intestinal villi.

II. Answer **any four** the following :

(5×4=20)

- 13) What are distinctive features of cephalochordata ?
- 14) What are general characters of class Chondrichthyes ?
- 15) Write a brief account on two poisonous snakes of India.

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- 16) What are distinctive features of crocodile ? Give examples.
- 17) What are distinctive features of palaeognathae ? Give examples.
- 18) Describe histology of pancreas.

III. Answer **any four** of the following :

(10×4=40)

- 19) Describe retrogressive metamorphosis in urochordates.
- 20) Describe general characters of class amphibia and classify with suitable example.
- 21) What are flight adaptations in birds ?
- 22) Explain general characters of class Mammalia.
- 23) Explain the digestive system of Rat with neat labelled diagram.
- 24) Describe the histology of adrenal gland.

(2×4=20)

P.T.O.