

Total No. of Pages: 2

Register Number:

Name of the Candidate:

5302

B.Sc. DEGREE EXAMINATION, 2013
(ZOOLOGY)
(SECOND YEAR)
(GROUP –A: MAIN)
(PART-III)

640. ANIMAL DIVERSITY (CHORDATA)

December]

[Time : 3 Hours

Maximum : 100 Marks

SECTION-A

Answer any TEN questions

(10×2=20)

Answer should not exceed 50 words

Explain the following:

1. Three features of chordates.
2. Urochordata.
3. Petromyzon.
4. Mullet.
5. Salamander.
6. Dinosaurs.
7. Flight Muscles.
8. Dental formula of rabbit.
9. Metanephric Kidney.
10. Feathers in birds.
11. Placoid Scales.
12. Wheel Organ.
13. Apoda.
14. Ostrich.
15. Monotremes.

SECTION-B

Answer ALL questions

(5×7=35)

Answer should not exceed 300 words

16. a) Write a brief account on the origin of Chordates.

(OR)

- b) Explain the salient features and inter relationship of hemichordates.

17. a) Give an account urinogenital system of Shark.
(OR)
b) Explain the phenomenon of migration in fishes.
18. a) Enumerate the salient features of amphibians. Classify up to orders.
(OR)
b) Write a brief note on parental care in amphibians.
19. a) Explain the structure of digestive system in Pigeon.
(OR)
b) Give an account on aquatic Mammals.
20. a) Compare the structure of Kidney of amphibians with a birds.
(OR)
b) Explain the integument of Mammals.

SECTION-C

**Answer any THREE questions
Answer should not exceed 1500 words**

(3×15=45)

21. Describe the structural organization of cephalochordates with their affinities.
22. Give an account on respiratory organs in fish.
23. Explain the urinogenital system in calotes.
24. Discuss on migration in birds.
25. Write a comparative account on structure of heart in vertebrates.
