

TB162630B

Reg. No:

Name:

B. Sc. DEGREE (C.B.C.S.S.) EXAMINATION, MARCH 2017
(2016 Admission - Regular & 2015 Admission – Supplementary / Improvement)
SEMESTER II - COMPLEMENTARY COURSE (ZOOLOGY)
ZY2C02TB - ANIMAL DIVERSITY- CHORDATA
(For Botany & Home Science)

Time: Three Hours

Maximum Marks: 60

PART A

I. Answer all questions. Each question carries 1 mark.

1. Give the common Name of a) Echidna b) Struthio
2. What is meant by typical vertebra of frog?
3. Give the scientific name of common Indian Toad.
4. What is pecten of birds?
5. Comment on retina mirabilia.

(5x1=5)

PART B

II. Answer any five questions. Each question carries 2 marks.

6. Describe retrogressive metamorphosis.
7. Enumerate any four characteristics of subphylum Cephalochordata.
8. Write notes on the relevance of Latimeria.
9. Describe the salient features of Indian Cobra.
10. Explain the avian features of Archaeopteryx.
11. What are the characteristics of Macropus?
12. How does Indian elephant differ from African elephant?
13. What are the functions of swim bladder?

(5x2=10)

PART C

III. Answer any five questions. Each question carries 5 marks.

14. Explain the salient features of agnatha with suitable examples.
15. Compare and contrast Osteichthyes with chondrichthyes.
16. Explain different types of respiration in frog.
17. Describe the pectoral girdle of frog.
18. Enumerate any six salient features of reptiles. Give their classification based on vacuities.
19. What is anti-venom? How does the venom of Cobra differ from that of Viper?
20. Describe the characteristics of Struthio.
21. Enumerate the aquatic adaptations of mammals.

(5x5=25)

PART D

IV. Answer any two questions. Each question carries 10 marks.

22. Explain the arterial system of frog with the help of a diagram.
23. Give an account on poisonous snakes of India. Add note on the effect of snake venom.
24. What are accessory respiratory organs? Explain with examples.
25. Write an essay on the unique features of avian fauna.

(10x2=20)