

G.L.N.PRASAD, Lecturer in Zoology



**S.V.G.M. GOVERNMENT DEGREE COLLEGE**



Affiliated to Sri Krishana Devaraya University, Andhra Pradesh  
Accredited by NAAC with "B" Grade  
Behind Sai Baba Temple, Kalyandurg, Anantapur - 515761, A.P



**MID INTERNAL QUESTION PAPER**

**SVGM GOVT. DEGREE COLLEGE KALYANDURG**

**SECOND MID IINTERNAL OF SECOND SEMESTER (B.Sc. BZC)**

**ANIMAL DIVERSITY-II BIOLOGY OF NON-CHORDATES**

Time: 1 hour

Max. marks: 20

***Section - A***

***Answer any ONE of the following questions***

**1 X 5 = 5**

1. List out the characters of Mammals
2. Write an essay on Migration of fish
3. Write an essay on the digestive system of frog

***Section - B***

***Answer any FIVE of the following questions***

**5 X 2 = 10**

4. Name the flight muscles present in birds
5. What is placenta?
6. List out the three Dipnoi fishes
7. What is double ventilation and in which animals it is found?
8. What are neuromast organs?
9. What is neoteny?
10. What is cleidoic egg? Explain its significance

**Section - C**

**Answer all the TEN of the following questions**

10 X 1/2 = 5

( Comprising multiple choice answers, fill in the blank questions , matching answer questions, comprehension etc. )

11. Gynacomastism is exhibited by

- a. marsupials   b. kangaroo   c. Prototherians   d. birds

12. Which of the following is the typical character of fishes?

- a. fins   b. placenta   c. feathers   d. pygostyle

13. Sphenodon is confined only to \_\_\_\_\_

14. Neoteny is induced by the deficiency of \_\_\_\_\_

15. Match the following

- | I                    | II                    |
|----------------------|-----------------------|
| a. Telescopic vision | 1. Shark              |
| b. Urea in blood     | 2. birds              |
| c. diaphragm         | 3. mammals            |
| d. amnion            | 4. Embryonic membrane |
- A. a-2   b-1   c-3   d- 4
- B. a-1   b-3   c-2   d- 4
- C. a-3   b-2   c-1   d- 4
- D. a- 4   b- 1   c- 2   d- 3

16. Which of the following is/are amniotes?

- a. birds   b. mammals   c. reptiles   d. all

17. Which of the following snake venom is hemotoxin ?

- a. cobra   b. krait   c. viper   d. both a & b

18. Rat snake is the common name of

- a. cobra   b. Ptyas   c. viper   d. Anaconda

19. Notochord arises from

- a. ectoderm   b. mesoderm   c. endoderm   d. mesoglea

20. Identify the right match

- a. Scoliodon   - Indian Dog fish  
b. Sphyrna   - Hammer headed shark  
c. Lepidosiren – Lung fish  
d. all