

D. K. M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1
SEMESTER EXAMINATIONS
JUNE - 2022
CHORDATA

21CZO2A**Time: 3 Hours****Max. Marks: 75****SECTION – A (10 x 2 = 20)****Answer ALL the questions.**

1. Distinguish between Cephalochordata and Hemichordata.
2. List out the characters of amphioxus.
3. Interpret scroll valve.
4. Describe briefly about cutaneous respiration.
5. Differentiate neurotoxin and haemotoxin.
6. Define uricotelism.
7. Use of Gizzard in pigeon.
8. List the functions of pecten.
9. Relate diastema.
10. Name two examples of Metatheria.

SECTION – B (5 x 5 = 25)**Answer ALL the questions.**

11. (a) Summarise the general characters of chordata.

(Or)

- (b) Discuss the morphology of Petromyzon.

12. (a) Explain the respiratory system of shark.

(Or)

- (b) Tabulate the adaptive features of Anura, Urodela and Apoda.

13. (a) Explain the arterial system of calotes.

(Or)

- (b) Summarise the poisonous apparatus and biting mechanism of poisonous snake.

14. (a) Summarise the flight muscles of pigeon.

(Or)

- (b) Tabulate the types of migration in birds with suitable example.

15. (a) Describe the digestive system of rabbit.

(Or)

- (b) Tabulate the features of egg laying mammals.

SECTION – C (3 x 10 = 30)**Answer any THREE of the following questions.**

16. Discuss the structure and affinities of cyclostomata.
17. Summarise the parental care in fishes.
18. Categorise the poisonous and non-poisonous snakes based on the external morphology.
19. Describe the air sacs and respiratory mechanism of pigeon.
20. Discuss in detail about the dentition in mammals.