

**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**  
**SEMESTER EXAMINATIONS**  
**APRIL – 2019**  
**CHORDATA**

**15CZO2A**

**Time : 3 Hrs**

**Max. Marks : 75**

**SECTION-A (10 x 2 = 20)**

**Answer ALL the questions.**

**Define / Explain the following.**

1. Ganathostomata.
2. Wheel organ.
3. Placoid scales.
4. Yolk Sac.
5. Nictitating Membrane.
6. Apoda.
7. Neurotoxin.
8. Archaeopteryx.
9. Thecodont dentition.
10. Diastema.

**SECTION-B (5 x 5 = 25)**

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

11. List out the general Characters of Cephalochordata with examples.
12. Describe the Origin of chordata.
13. Describe about morphological structure of shark.
14. Write short notes on parental care in Amphibia.
15. Describe the digestive system of calotes.
16. Explain the poisonous and non-poisonous snakes in South India.
17. Explain the different types of feathers in birds with neat diagrams.
18. Describe the respiratory system in pigeon.

**SECTION-C (3 x 10 = 30)**

**Answer ALL the questions.**

19. (a) Explain about the affinities of Hemichordata and cephalochordata.

(Or)

(b) Write an essay on the parental care in fishes.

20. (a) Describe about the poisonous Apparatus and Biting Mechanism of a poisonous snake.

(Or)

(b) Explain about the flight adaptation of Birds.

21. (a) Write an essay on the dentition in Mammals.

(Or)

(b) Discuss about the Aquatic mammals.