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**D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**

**SEMESTER EXAMINATIONS**

**NOVEMBER - 2017**

**16CPZO1B**

**LIFE AND DIVERSITY OF CHORDATES**

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**Time: 3 Hrs**

**Max.Marks : 75**

**SECTION-A (5x 6 =30)**

**Answer ALL the questions.**

1. (a) What are the merits of Trinomial nomenclature?  
(Or)  
(b) Write the importance of the Nomenclature?
2. (a) Explain the appearance of Placoderms.  
(Or)  
(b) Give an account of ostracoderms of Silurian and Devonian age.
3. (a) How the Elasmobranch evolution is significant in the class pisces.  
(Or)  
(b) Write about Climatius.
4. (a) Write about the living fossil of Rhynchocephalia.  
(Or)  
(b) Give the salient features of Monotremes.
5. (a) Write brief account of the integuments system of vertebrates.  
(Or)  
(b) Describe the development of Heart of Mammals.

**SECTION-B (3x15 =45)**

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

6. What is zoological nomenclature - Explain?
7. Give an account of the significant peculiarities of cyclostomata
8. Describe the various adaptive features of bony fishes.
9. "Birds are glorified reptiles" – Justify.
10. Write the comparative account of the brain of vertebrates.

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