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D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE – 1
SEMESTER EXAMINATIONS
NOVEMBER – 2016 **16CPZO1B**
LIFE AND DIVERSITY OF CHORDATES

Time: 3 Hrs

Max. Marks: 75

SECTION – A (5 X 6 =30)

Answer ALL the questions.

1. a) Give a short note on the types of nomenclature with examples.
(Or)
b) Write an account on the ecological approach in Taxonomy.
2. a) Write about the systematic position of Prochordates.
(Or)
b) Give an account on Silurian ostracoderms.
3. a) Write about the Fossil history of chondrichthyes.
(Or)
b) Give an account of the Origin and evolution of Amphibia.
4. a) Write about the Saurischian dinosaurs
(Or)
b) List out the structural peculiarities of Prototheria.
5. a) Discuss about the paired Fins of Fishes.
(Or)
b) Explain about the origin and evolution of Mammalian brain.

SECTION – B (3 X 15 =45)

Answer any THREE of the following questions.

6. Write an essay on the cytological approach in Taxonomy.
7. Give a detailed account on the structural peculiarities of Cyclostomata.
8. Write about the evolution of Elasmobranchs.
9. “Birds as glorified reptiles” – Justify.
10. Write a detailed account on the structure of the heart in Amphibia and Mammals.

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