FACULTY OF SCIENCE
B. Sc. II-Year Examination, March / April 2016
Subject : Zoology
Paper – II
Biology of Chrodates, Embryology, Ecology and Zoogeography

Time : 3 Hours

Max. Marks : 100

Note : Draw the diagrams wherever necessary.

Section – A (5x8=40 Marks)
(Short Answer Type)

Note: Answer any five questions. Attempt at least one question from each unit.

UNIT-I
1 Cephalochordata
2 Cyclostomes

UNIT-II
3 Jacobsons organ
4 Types of feathers

UNIT-III
5 Spinal cleavage
6 Gastrulation

UNIT-IV
7 Seral stage
8 Predation

Section – B (4x15= 60 Marks)

Note: Answer all questions.

9 (a) What is the significance of migration in fish, elaborates giving suitable examples?
   OR
   (b) Describe digestive system in Ran a, add a note on the process of digestion.

10 (a) What are flight adaptation in birds, write giving suitable examples?
    OR
    (b) Write the general characters and classification of Reptilia upto order level with suitable examples.

11 (a) What are foetal membranes? Elaborate their significance.
    OR
    (b) Explain regeneration with reference to Turbellarians you have studied.

12 (a) What are community extractions, write with reference to competition, mutualism and commensalisms?
    OR
    (b) What are zoogeographical realms? Write about their characteristic fauna.

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