FACULTY OF SCIENCE
B.Sc. II-Semester (CBCS) Examination, May / June 2017
Subject : Zoology

Paper – II : Ecology, Zoogeography and Animal Behaviour
Time : 3 Hours
Max. Marks: 80

PART – A (5 x 4 = 20 Marks)
(Short Answer Type)
Note : Answer any FIVE of the following questions.

1. Ecosystem
2. Food chain
3. Growth curve
4. Endangered species
5. Wallace line
6. Continental Drift
7. Innate Behaviour
8. Imprinting

PART – B (4 x 15 = 60 Marks)
(Essay Answer Type)
Note: Attempt ALL the questions.

9. (a) Explain mutualism and commensalism with suitable examples.
   OR
   (b) What is a Biogeochemical cycle? Explain the nitrogen cycle in detail.

10. (a) Write notes on Ecological Adaptation.
    OR
    (b) How is wildlife conserved in National parks and sanctuaries of India?

11. (a) Describe the climatic and faunal peculiarities of Ethiopian region.
    OR
    (b) Write a detail account on Discontinuous distribution.

12. (a) Write about the contribution of PAVLOV and SKINNER to learning.
    OR
    (b) Write short notes on social behaviour and pheromones.