

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 wild life 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.
