

Code No. 7034/E

FACULTY OF SCIENCE
B.Sc. II-Semester (CBCS) Examination, May / June 2018
Subject : Zoology

Paper – II : Ecology, Zoogeography, and Animal Behaviour

Time : 3 Hours

Max. Marks: 80

Note: Draw neat and labeled diagrams wherever necessary.

PART – A (5 x 4 = 20 Marks)
(Short Answer Type)

Note : Answer any FIVE of the following questions.

- 1 Terrestrial Ecosystem
- 2 Ecological Pyramids
- 3 Species concept
- 4 Hot spots of Biodiversity
- 5 Discontinuous distribution
- 6 Continental drift
- 7 Instinctive behaviour
- 8 Pheromones

PART – B (4 x 15 = 60 Marks)
(Essay Answer Type)

Note: Answer all the questions.

- 9 (a) Define biogeochemical cycles. Explain phosphorus.
OR
(b) Describe any two Associations present in Animals.
- 10 (a) Write an essay on Ecological succession.
OR
(b) Give an account of sources of water pollution and its control measures.
- 11 (a) Explain the climatic and faunal peculiarities of the Australian region.
OR
(b) Explain about the climatic and faunal peculiarities of the palaeartic region.
- 12 (a) Describe the theory of Trial and error learning.
OR
(b) Write an essay on Biological rhythms.
