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 palaearctic region.

12 (a) Describe the theory of Trial and error learning. OR
(b) Write an essay on Biological rhythms.

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