

FACULTY OF SCIENCE
B.Sc. II-Semester (CBCS) Examination, 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/ Food chain
- 2/ Commensalism
- 3/ Ecological succession
- 4/ Noise pollution
- 5/ Wallace line
- 6/ Continental Drift
- 7/ Reflexes
- 8/ Biological clocks

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

Note: Attempt ALL the questions.

- 9 (a) Explain about the Nitrogen cycle.
OR
(b) Give an account of structure and functions of ecosystem.
- 10 (a) Write an essay on sources, effects of air pollution and its control measures.
OR
(b) Define Biodiversity and explain about hotspots of Biodiversity in India.
- 11 (a) Give an account of the climatic and faunal peculiarities of the oriental Geographical region.
OR
(b) Explain about the climatic and faunal peculiarities of the Ethiopian region.
- 12 (a) Describe about the learning theories of classical conditioning and instrumental conditioning.
OR
(b) Write an essay on types of animal behaviour.
