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.

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