

EASTERN UNIVERSITY SRI LANKA

FACULTY OF SCIENCE

SECOND YEAR FIRST SEMESTER EXAMINATION IN SCIENCE (2021/22)

ZL- 2012 – ANIMAL ECOLOGY (MAR/APR – 2024)

Time: 02 hours

Answer **all** questions

(Illustrate your answer with clearly labelled diagrams where necessary)

---

1 Describe on **any two** of the followings

(a). Food chain

(50 Marks)

(b). Symbiotic relationships in animals

(50 Marks)

(c). Ecosystem

(50 Marks)

2. (a). Define “Biogeochemical cycle”

(10 Marks)

(b). Explain the process involved in the Nitrogen cycle with illustrated diagram

(70 Marks)

(c). Discuss the anthropogenic influence on the above cycle

(20 Marks)

3. Explain on **any two** of the followings

(a). Ozone depletion

(50 Marks)

(b). Acid rain

(50 Marks)

(c). Floral adaptations on mangroves

(50 Marks)

4. (a). Define “Pollution”

(10 Marks)

(b). Describe the Noise Pollution and its impact

(90 Marks)

XXXXXXXXXXXXXXXXXXXX