



UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 1st Semester Examination, 2020

CC2-ZOOLOGY

ECOLOGY

Full Marks: 40

ASSIGNMENT

The figures in the margin indicate full marks.

Answer any four questions from the following

10×4 = 40

All questions are of equal marks

Maximum word limit for each question is 500

1. Discuss on 'temperature' as an ecological factor and its effect on animal world.
2. Describe in detail different aspects of *ex-situ* wildlife conservation.
3. Write a note on logistic growth pattern and comment on how far it differs from exponential growth pattern.
4. With suitable example describe different type of population interactions and add a note on Gause's competitive exclusion principle.
5. Discuss on community characteristics with special reference to species diversity, abundance, dominance and richness.
6. With suitable example describe the ecological succession in a pond ecosystem.
7. Write a brief essay on energy flow in ecosystem.
8. Write a note on food chain with suitable example.

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