

BSc(H) Botany (NEP) Semester IV 2024
Ecology and Conservation
Test

Date 12/4/2024

Time 10:00 AM MM = 30

Qu 1. Define ecological succession. Describe in detail various stages in hydrosere or lithosere. 10

or
Define biotic interactions. Describe various types of interactions (positive and negative) amongst the living organisms. 10

Qu 2. Write short note on the following (any two) 10

- (i) Ecotone and edge effect
- (ii) Survivorship curves
- (iii) Nitrogen Cycle
- (iv) Raunkiaer's life forms

Qu 3. Differentiate between the following (any two) 10

- (i) Food chain and food web
- (ii) Ecological pyramids and age pyramids
- (iii) Autecology and synecology
- (iv) Artificial ecosystem and natural ecosystem

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