

ZOOL 210: Ecology resit/special

Streams: BSc, Bed Sci , ENV SCI Y2S1

Time: 2 hours

Instructions: Answer all questions in section A and any two question in section B

SECTION A (30 Marks)

1. State the adaptive mechanisms of acacia trees to grassland ecosystem (5mks)
2. Outline factors that cause change in population size (5mks)
3. Describe human activities that can negatively impact the carbon cycle (5mks)
4. Describes abiotic characteristics of tundra ecosystem (5mks)
5. Describe major zones of fresh water lake (5mks)
6. Compare primary and secondary succession (5mks)

SECTION B (40 Marks)

- 7 a) Discuss the various modes of dispersal of organisms in the environment (12mks)
b) compare and contrast r and k- strategists (8mks)
8. Describe the ecological roles of wet lands (20mks)
9. Discuss the water cycle (20)