

EGERTON UNIVERSITY

ZOOL 210: ECOLOGY CAT 2 2025

INSTRUCTION: ANSWER ALL QUESTIONS IN THE ANSWER SHEET PROVIDED

1. Differentiate between the following with examples:
 - a. Semelparity and Iteroparity (2 mks)
 - b. Mullerian and Batesian mimicry (2 mks)
 - c. Carrying capacity and Ecological footprint (2 mks)
2. Briefly discuss any three factors that influences the diversity trends in a community (6 mks)
3. Briefly describe how the process of primary succession takes place (6 mks)
4. Describe the three components of biodiversity (6 mks)
5. Discuss any three major threats to biodiversity (6 mks)

TOTAL = 30 MARKS. ALL THE BEST
