

**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

