



MAASAI MARA UNIVERSITY
REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
YEAR FOUR SEMESTER TWO
SCHOOL OF NATURAL RESOURCE,
ENVIRONMENTAL STUDIES & AGRICULTURE
BACHELOR OF SCIENCE IN WILDLIFE
RESOURCE MANAGEMENT
COURSE CODE: WRM 4236-1
COURSE TITLE: WILDLIFE MANAGEMENT

DATE: 23/4/2024

TIME : 1430-1630 HRS

INSTRUCTIONS TO CANDIDATES

Answer **All** the Questions in Section A and any **THREE** IN SECTION B
*This paper consists of **TWO** printed pages. Please turn over*

SECTION A (20 MARKS)

1. Define the following terms in the context of Wildlife Management **[5 marks]**
 - (i) Wildlife Management;
 - (ii) Population Dynamics;
 - (iii) Wildlife corridor;
 - (iv) Gause's law;
 - (v) Niche segregation
2. Briefly describe the historical development of Wildlife Management principles **[5 marks]**
3. State and explain briefly the ecosystem management concepts that could be applicable in Maasai Mara National Game Reserve. **[5 marks]**
4. Briefly explain the conservation strategies a wildlife manager can put in place to protect rare and endangered species **[3 marks]**
5. State the **FOUR** main sources from which wild animal product supplies are derived. **[2 marks]**

SECTION B (30 MARKS)

6. In the face of adverse effects of urbanization on wildlife, conservationists and policymakers have implemented various mitigation strategies, discuss these strategies **[10 marks]**
7. Discuss possible wildlife population management problems and their respective solutions **[10 marks]**
8. Discuss ways in which native wildlife species and ecosystems become vulnerable due to the presence of invasive species **[10 marks]**
9. Discuss the wildlife management ecological principles **[10 marks]**

//END//