



W1-2-60-1-6

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**University Examinations 2016/2017**

**SECOND YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF  
BACHELOR OF SCIENCE IN LAND RESOURCE PLANNING AND MANAGEMENT**

**SZL 2403: WILDLIFE MANAGEMENT**

**DATE: DECEMBER 2016**

**TIME: 2 HOURS**

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

**Section A: Answer all the questions**

**QUESTION 1 (30 MARKS)**

- a) Outline four impacts of climate change on wildlife resources [4 marks]
- b) State four reasons which necessitated the enactment of wildlife laws and policy in Kenya [4 Marks]
- c) Outline five impacts of pollution on biodiversity [5 marks]
- d) Outline four causes of rangelands degradation in Kenya [4 Marks]
- e) Outline five abiotic factors affecting biodiversity stating their specific effects [5 marks]
- f) Briefly discuss three human processes influencing utilization of wildlife resources in Kenya citing relevant examples [6Marks]
- g) Using appropriate examples differentiate between direct and indirect manipulations in wildlife management [2 marks]

**Section B: Answer any two questions**

**QUESTION TWO**

- 2) You have been appointed the Director General of Kenya Wildlife Service, discuss the steps you would take to mitigate the threats facing wildlife conservation and management in Kenya [20 marks]

**QUESTION THREE**

- 3) a) Discuss the impacts of invasive species to biodiversity citing relevant examples [8 Marks]
- b) Discuss how as a natural resource manager you would ensure a sustained existence and survival of natural resources in Kenya [12 Marks]

**QUESTION FOUR**

- 4) Discuss the functions of the various categories of protected areas found in Kenya citing relevant examples [20 marks]