

UNIVERSITY OF KWAZULU-NATAL
SCHOOL OF AGRICULTURAL, EARTH & ENVIRONMENTAL SCIENCES
MAIN EXAMINATION: JUNE 2013
SUBJECT, COURSE & CODE: NATURAL RESOURCES AND SUSTAINABLE LAND USE,
GEOG733W1

DURATION: 3 HOURS

TOTAL MARKS: 300

INTERNAL EXAMINERS: DR H WATSON, MS P MORAKE AND MR M KHANYILE
EXTERNAL EXAMINER: PROF S OLDFIELD, UNIVERSITY OF CAPE TOWN

INSTRUCTIONS TO STUDENTS:

1. This paper consists of two sections
 2. Answer three (3) questions, **ONE** from Section A, **ONE** from Section B and **ONE** from either A or B
 3. Answer each section in a separate answer book
 4. All questions carry equal marks (**100**)
 5. On the cover of each answer book indicate the section answered (Section A or Section B)
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SECTION A

1. State parks systems and community-based natural resource management have similar issues of devolution and communal institutional cohesion (Jones and Murphree, 2009). Critically analyse this convergence of interest, using appropriate examples.
2. Critically analyse the principles that have driven the conservation of natural resources in southern Africa. In your answer, assess the ways in which these principles relate to the user communities of this region and beyond.
3. Critically assess the politics and possible social implications of transfrontier parks and their bioregional philosophy. With reference to relevant case studies, comment on potential conflict situations between neighbouring countries co-managing transfrontier parks.

SECTION B

4. Explain why rhino poaching has recently increased in South Africa and evaluate the measures currently being planned to address this problem. Discuss the strengths and weaknesses of these measures.
5. “With only a few notable exceptions, conservation has appeared at the very bottom of the agenda of postcolonial governments, and international non-governmental organisations (NGOs) have tended to focus funds and personnel on social development priorities. These twin pressures along with steady population growth have had a devastating impact on Africa’s wildlife and wilderness areas” (Michler, 2002: 80). Critically discuss this assertion.
6. Using a specific ancient civilization as a case study, evaluate the lessons for sustainable land use and natural resources management that we can learn from their demise.