

UNIVERSITY OF KWAZULU-NATAL
EXAMINATION: NOVEMBER 2012
Westville Campus

SCHOOL : AGRICULTURE, EARTH AND ENVIRONMENTAL SCIENCES
LEVEL : III
MODULE : ENVIRONMENTAL MANAGEMENT
CODE : ENVS 322 H2/W2

DURATION: 3 HOURS

TOTAL MARKS: 300

Internal Examiners: Dr F Ahmed
EXTERNAL EXAMINER: Prof S Grab

Instruction to students:

1. Answer any three questions
2. Each question is worth 100 marks
3. Ensure that the questions are numbered correctly and clearly

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1. The aim of Environmental Impact Assessment (EIA) is to predict the likely environmental consequences of a proposed development activity. Discuss with the aid of a flow diagram the stages in the EIA process. 100
 2. Drawing on examples from *The Age of Stupid*, discuss the concept 'resource curse' and the political economy over natural resource use and development. 100
 3. Unsustainable changes in human and natural systems have stimulated a search for new approaches to understanding complex socio-ecological systems. Discuss the contributions of sustainability science to the understanding of contemporary environmental problems. 100
 4. Traditionally perceived as contributing to environmental problems, business is increasingly perceived as a key stakeholder in environmental management. Discuss the extent to which you agree or disagree with the statement in relation to Corporate Social Responsibility (CSR). 100
 5. Risk assessments are powerful tools that highlight socio-ecological vulnerability in Geographical contexts and can inform measures for adaptive capacity. Discuss this statement. 100
 6. Is there a finite ecological space we must all share? Discuss the impacts of consumerism on Ecological footprints and possible resolutions to reverse current consumption patterns. 100

UNIVERSITY OF KWAZULU-NATAL
SUPPLEMENTARY/AEGROTAT EXAMINATION: DECEMBER 2012
Westville Campus

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LEVEL : III
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1. Discuss the merits of international environmental governance and explain how South Africa benefits from being party to (any) two international conventions you have studied. 100
 2. Discuss, using examples from *The Age of Stupid*, the notion of moral equity and civic action in environmental management. 100
 3. Ecological modernization is the dominant world view on the human-environment relationship and affects way sustainability is perceived. Provide a critique of this statement. 100
 4. Strategic Environmental Assessments enable decision makers to proactively determine appropriate development for a geographic area prior to the formulation of development proposals. Provide an in-depth analysis of this environmental management tool. 100
 5. Sustainability indicators incorporate of long-term considerations of the triple bottom line criteria into decision making. Critically discuss this statement. 100