

UNIVERSITY OF KWAZULU-NATAL
SCHOOL OF AGRICULTURAL, EARTH & ENVIRONMENTAL SCIENCES
DISCIPLINE OF GEOGRAPHY
MAIN EXAMINATION: NOVEMBER 2013
COURSE & CODE: ENVIRONMENTAL MANAGEMENT, ENVS 322 W2/H2

DURATION: 3 HOURS

TOTAL MARKS: 300

External Examiner: Prof S. Grab

Internal Examiner: Dr F. Ahmed

NOTE: THIS PAPER CONSISTS OF TWO (2) PAGES. PLEASE SEE THAT YOU HAVE THEM ALL.

Answer **THREE QUESTIONS** only. Answer ONE question from each section.

Section C (i.e. Question 5) is compulsory. Each question carries 100 marks.

SECTION A: THEORY AND CONCEPTS

1. Climate change is the single greatest developmental challenge of our time. Discuss this statement in relation to the critical challenges posed by climate change, as well as the benefits that can be realized in relation to sustainable development. (100)

2. The Ubuntu philosophy reaffirms: “the supremacy of individualism, reasoning and action is being challenged in the growing awareness of the need for collective responsibility for the Earth and humanity’s survival” (Naicker, 2011: 456). Discuss the merits of this moral capital in contributing to contemporary environmental management in the South African context. (100)

SECTION B: TOOLS AND METHODS

3. Conventional approaches to environmental management have been criticized for ignoring the complexity of environmental systems. Discuss this statement in relation to the environmental costs associated with conventional approaches and the advocacy for Integrated Environmental Management (IEM). (100)

4. The aim of Environmental Impact Assessment (EIA) is to pro-actively predict the likely environmental consequences of a proposed development activity. However, are EIAs in practice contributing to sustainability principles? Critically analyse this question. (100)

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SECTION C: INTEGRATION AND APPLICABILITY

5. Ecological modernization is the dominant world view on the human-environment relationship and affects way sustainability is perceived in theory and practice. Provide a critique of this statement by drawing on practical examples in the South African context. (100)