UNIVERSITY OF KWAZULU-NATAL
SCHOOL OF AGRICULTURAL, EARTH & ENVIRONMENTAL SCIENCES
DISCIPLINE OF GEOGRAPHY
MAIN EXAMINATION: JUNE 2015
COURSE & CODE: HUMAN ENVIRONMENTS, GEOG 110 W1

DURATION: 3 HOURS   **TOTAL MARKS: 100**

Internal Examiners: Dr F Ahmed & Dr V Moodley
Internal Moderator: Prof B Maharaj

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

Instructions

1. This paper consists of two sections.
2. Answer all questions from each section (please note that each question has choices).
3. Each section is worth 50 marks.
4. Answer each section in a <u>separate answer book</u>
5. On the cover of each answer book indicate the section answered (Section A or Section B).

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SECTION A

1. Define any Five (5) of the following concepts (5 x 2 = 10)

1.1 Environmental justice	(2)
1.2 Relational space	(2)
1.3 Environmental determinism	(2)
1.4 Afrocentricity	(2)
1.5 Provisioning ecosystem services	(2)
1.6 Women's triple role	(2)
1.7 Polluter pays principle	(2)
1.8 Brown Agenda	(2)

2. Answer any Three (3) of the following (3 x 5 = 15)

2.1 Explain the concept of a rural livelihood.	(5)
2.2 Discuss Gareth Hardin's Tragedy of the commons.	(5)
2.3 Discuss the anthropocentric relationship with the environment.	(5)
2.4 Discuss the non-market contributions to human well-being.	(5)
2.5 Discuss five (5) causes of urbanization.	(5)

3. Essays: choose One of the following:

3.1 Compare and contrast the Ubuntu philosophy with Descarte's Western philosophy with reference to the human relationship with the environment.   (25)

OR

3.2 Explain the concept of sustainable development and discuss the importance of the triple bottom line approach. (25)

OR

3.3 Explain, with reference to examples, how poverty, privatization and climate change contribute to food insecurity in Africa. (25)

SECTION B

1. Define any Five (5) of the following concepts (5 x 2 = 10)

1.1 Exponential population growth (2)
1.2 Pro-natalism (2)
1.3 Infant Mortality Rate (2)
1.4 Carrying capacity (2)
1.5 Census (2)
1.6 Population Geography (2)
1.7 Net Reproduction Rate (2)
1.8 Fertility Rate (2)

2. Answer any Three (3) of the following (3 x 5 = 15)

2.1 List five (5) of the Millennium Development Goals. (5)
2.2 List five (5) catastrophic human induced changes that affect ecosystems. (5)
2.3 List five (5) factors that limit population growth. (5)
2.4 Identify five uses of natural resources in rural areas in South Africa. (5)
2.5 Explain the concepts of distributive and redistributive justice. (5)

3. Essays: choose One of the following:

3.1 Critically discuss the initial Limits to Growth (1972) theory and the subsequent synopsis undertaken by Meadows et al. (2004) over thirty (30) years later. (25)

OR

3.2 Critically discuss the causes and impacts of migration in developing countries. (25)

OR

3.3 Critically assess the social and physical impacts of climate change and the adaptation and coping strategies in developing countries. (25)

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