

UNIVERSITY OF SWAZILAND
DEPARTMENT OF STATISTICS & DEMOGRAPHY
FINAL EXAMINATION, MAY-2010
BASS

TITLE OF PAPER: INTRODUCTION TO POPULATION DYNAMICS

COURSE CODE: DEM 201

TIME ALLOWED: TWO (3) HOURS

INSTRUCTIONS:

- 1. ANSWER FOUR (4) QUESTIONS**
- 2. CHOOSE TWO QUESTIONS FROM EACH SECTION**

MARKS ALLOCATION: ALL QUESTIONS CARRY 25 MARKS EACH

SPECIAL REQUIREMENTS: NONE

THIS QUESTION PAPER SHOULD NOT BE OPENED UNTIL PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR.

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Answer Any Two Questions from Section A

Section: A

Question: 1

Malthus' theory on population and the Demographic Transition Theory are two theories propounded in two time zones, trying to address population issues of their time. Both have been shown to be flawed, failing to address questions of their time and those of the decades that followed. Using any one of the theories discuss the validity of the statement.

25 Marks

Question: 2

Using the fertility and mortality trends of developing country(ies) show how the Demographic Transition Theory cannot be used to analyze the demographic scenario in developing countries, more so in the current era of HIV and AIDS

25 Marks

Question: 3

The age and sex pattern of mortality has continually changed over time due to a number of factors: Changing causes of death; Family (as an institution); and Sex. Discuss fully.

25 Marks

Answer Any Two Questions from Section B

Section: B

Question: 4

Studying and modeling migration remains a more difficult exercise compared to the study of fertility and mortality. Discuss five points showing how this phenomenon is more complex

25 Marks

Question: 5

Urbanization in developing nations has had many undesirable outcomes in: Agriculture; Destination cities; Employment, Social Integration; Natural Resource utilization; Waste and Pollution, etc. Discuss any five of these.

25 Marks

Question: 6

Briefly discuss the following:

- a) The Balancing Equation (4)
- b) Census Survival Ratio Method (8)
- c) "Laws of Migration" by Ravenstein (5)
- d) "A Theory of Migration" by Lee E (8)

25 Marks