

**UNIVERSITY OF SWAZILAND**  
**DEPARTMENT OF STATISTICS & DEMOGRAPHY**  
**SUPPLEMENTARY EXAMINATION, JULY 2014**  
**BASS**

**TITLE OF PAPER: INTRODUCTION TO POPULATION DYNAMICS**

**COURSE CODE: DEM 201**

**TIME ALLOWED: THREE (3) HOURS**

**INSTRUCTIONS:**

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

**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.**

**DEM- 201 FINAL EXAMINATION JULY - 2014**

**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. Discuss briefly both theories in the context of the statement

**25 Marks**

**Question: 2**

Using the fertility and mortality trends of developing country (ies) show how the Demographic Transition Theory fails to capture demographic scenario in developing countries, especially 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 (5)
- b) Census Survival Ratio Method (10)
- c) "A Theory of Migration" by Lee E (10)

**25 Marks**