

**UNIVERSITY OF SWAZILAND**  
**DEPARTMENT OF STATISTICS & DEMOGRAPHY**  
**SUPPLEMENTARY EXAMINATION, July-2013**  
**BASS**

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

**COURSE CODE:** DEM 201

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

**INSTRUCTIONS:**

1. ANSWER FOUR (4) QUESTIONS
2. WHERE APPROPRIATE, ILLUSTRATE YOUR ANSWER WITH DIAGRAMS AND EXAMPLES

**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 2013

### Question: 1

Recent fertility and mortality trends in both developed and developing countries indicate that the Demographic Transition Theory has become outdated and useless as a predictive model. Discuss. **25 Marks**

### Question: 2

How does marriage, the family, and religion influence fertility of societies in developing countries. **25 Marks**

### Question: 3

Discuss fully the "Principle of Population" as propounded by Thomas Malthus, and present a comprehensive critique of the theory. **25 Marks**

### Question: 4

How do economic development and technology, the family, and sex influence mortality in societies?

**25 Marks**

### Question: 5

a) The scientific study of population is estimated to have started around the 1600s by scholars such as John Graunt and William Petty. Discuss briefly the works of John Graunt about the city of London.

**13points**

b) Differentiate between the following terms:

- a. General Fertility Rate
- b. Age Specific Fertility Rate
- c. Crude Birth Rate

**12points**

### Question: 6

Using any five (5) factors, discuss the impact of migration on both origin and destination areas

**25 Marks**