

UNIVERSITY OF SWAZILAND
DEPARTMENT OF STATISTICS & DEMOGRAPHY
SUPPLEMENMTARY EXAMINATION, 2010
BASS

TITLE OF PAPER: INTRODUCTION TO POPULATION DYNAMICS

COURSE CODE: DEM 201

TIME ALLOWED: TWO (3) HOURS

INSTRUCTIONS:

- 1. ANSWER ANY 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 SUPPLEMENTARY EXAMINATION 2010

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mortality trends in both developed and developing countries indicate that the Demographic Transition Theory has become outdated and useless as a predictive model.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