

UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER YEAR 2007

COURSE TITLE: POPULATION DYNAMICS

COURSE NUMBER: DEM 201

TIME ALLOWED: 3 (THREE) HOURS

**INSTRUCTIONS: ANSWER ANY 5 (FIVE)
QUESTIONS**

SPECIAL REQUIREMENTS: NONE

Question 1

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.

[12points]

b) Differentiate between the following terms:

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

[8points]

Question 2

Discuss fully the "Principle of Population" as propounded by Thomas Malthus and present a comprehensive critique of the theory

[20points]

Question 3

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mortality trends in both developed and developing countries indicate that the Demographic Transition Theory has become outdated and useless as a predictive model.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

[20points]

Question 4

How does marriage, the family, and religion influence fertility of societies in developing countries

[20 points]

Question 5

How do economic development and technology, the family, and sex influence mortality in societies? [20 points]

Question 6

Migration tends to have an impact on both sending and receiving areas. Discuss in the above context, Remittances, Agriculture and Age/Sex Structure.

[20 points]

Question 7

- a) Directly and indirectly urban centres grow through migration. Discuss [10 points]
- b) Economies of scale can be said to be one of the advantages (positive impact) of urbanization. Briefly discuss. [10 points]