

UNIVERSITY OF SWAZILAND
DEPARTMENT OF STATISTICS & DEMOGRAPHY
FINAL EXAMINATION, 2015
BASS

TITLE OF PAPER: INTRODUCTION TO POPULATION DYNAMICS

COURSE CODE: DEM 201

TIME ALLOWED: THREE (3) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS

MARKS ALLOCATION: ALL QUESTIONS CARRY 25 MARKS

SPECIAL REQUIREMENTS: NONE

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

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Question: 1

- a) Using appropriate examples discuss the shortcomings of the: Crude Birth Rate; General Fertility Rate; Age Specific Fertility Rate and the Life Expectancy at Birth.

20 Marks

- b) Discuss the problems associated with the definitions of: Migration Interval and Lifetime Migration

5 Marks

Question: 2

Mortality may be positively and/or negatively influenced by education, health and economic development. Discuss fully supporting your arguments with examples

25 Marks

Question: 3

Census Survival Ratios are used in the estimation of net migration. Explain fully how this is done including the assumptions associated with the method.

25 Marks

Question: 4

Discuss the role of migration on remittances, agriculture, economic development, age and sex structure in origin areas.

25 Marks

Question: 5

Using the fertility trends and mortality trends of developed and developing country(ies) show how the Demographic Transition Theory cannot be used as a predictive model for patterns and trends in both developed and developing countries

25 Marks

Question: 6

The family, marriage and religion have had a profound influence on fertility of societies in underdeveloped economies. Discuss fully.

25 Marks