MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2016/2017

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR DEGREE OF BACHELOR OF ARTS IN ECONOMICS WITH INFORMATION TECHNOLOGY

MAIN CAMPUS

AEC 412: POPULATION AND DEVELOPMENT

Date: 29th November, 2016   Time: 12.00 - 3.00pm

INSTRUCTIONS:
- Answer Question ONE (Compulsory) and any other TWO.

Question 1.

a) In a given population, the number of person's recorded at a census was 160,000 persons. The number of births and deaths recorded that year in the same population were 8,000 and 3,200 respectively. Calculate the crude birth and crude death rates for the population (Assume that the census took place at midnight of 30th June/ 1st July. (10 marks)

b) Give the consensus argument on population debate. (5marks)

c) Briefly explain components of population growth (5marks)

d) What are the population problems today in developing countries and ways of solving them? (10 marks)

Question 2.

a) Discuss the demographic transition of both the developed and developing nations and their effects on economic development of these countries. (12marks)

b) Economic development is the process of economic growth per given period of time. Explain briefly the indicators of development. (8marks)

Question 3.

Argue for and against the effect of population growth on economic development. (20 marks)

Question 4.

Component of population Growth

Item	
Population 1 Jan 1970	10,554 (P_t)
During 1970	
Births	+456
Deaths	-215
Immigrants	+145
Emigrant	-40
Population 1 Jan 1971	10,900 (P_{t+1})

a) Calculate Rate of Natural Increase (5marks)

b) Calculate Rate of growth (5marks)

c) Population control measures in Kenya (10marks)

Question 5.

a) Discuss Malthusian theory of population growth (10marks)

b) Discuss mortality trends in Africa (10marks)