MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR
THIRD YEAR FIRST SEMESTER

SCHOOL OF BUSINESS AND ECONOMICS

BACHELOR OF SCIENCE IN ECONOMICS

COURSE CODE: ECO 3109

COURSE TITLE: DEMOGRAPHIC ECONOMICS

DATE: 28TH MARCH, 2022   TIME: 0830-1030

INSTRUCTIONS TO CANDIDATES

Answer Question **ONE** and any other **THREE** questions

QUESTION ONE

(a) Discuss the optimum theory of population. **(7marks)**

(b) Explain the relationship between the age structures of a population and its dependency burden. **(8marks)**

(c)Explain the relationship between a Lorenz curve and Gini coefficient. **(4marks)**

(d)Discuss the concept of optimal amount of inequality. **(6 marks)**

QUESTION TWO

a)i) Describe the concept of education and fertility. **(5marks)**

ii)What way can this model be said there never be unemployment?

. **(4marks)**

(b)   i) Discuss the Coale-Hoover thesis about adverse effects of population growth on savings and capital formation. **(3 marks)**

ii) On what grounds should this thesis be rejected? **(3marks)**

QUESTION THREE

(a).   i Explain the Malthusian theory of population trap. **(5 marks)**

ii. Is this theory applicable to Kenyan population? **(3 marks)**

(b).   Explain why many economists blame minimum wage law for much of employment problems of youth. **(4 marks)**

(c).   Discuss three distinct conceptualizations of the likely response to population according to Bilshorrow (1987). **(3 marks)**

QUESTION FOUR

(a).   Explain economic and social policies the governments of developing and developed countries and international assistance agencies might consider to bring about a reduction in overall rates of world population growth. **(6marks)**

(b).Discuss the following concepts as used in demographic economics

(6marks)

- Crude death rate
- Replacement fertility
- Infant mortality rate
- Doubling time
- Population time
- Overlapping generation models

(c). Discuss conditions necessary for economic growth to translate into improvements in the quality of life.   **(3 marks)**

QUESTION FIVE

(a). Explain how the so-called household or micro-economics of fertility relates to the theory of consumer choice.   **(4 marks)**

(b). Explain how the factors that cause the international migration of high level of educated manpower from less developed counties to developed countries.   **(5 marks)**

(c).i Explain the concept of hidden momentum of population growth.

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ii.Discuss how this concept is important for projecting future population trends in different third world countries.   **(3 marks)**

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