



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

**FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR THE
DEGREE OF MASTER OF ARTS IN ECONOMICS**

CITY CAMPUS-WEEKEND

AEC 811: HEALTH ECONOMICS

Date: 23rd April, 2016

Time: 2.00 - 5.00 pm

INSTRUCTIONS:

- Answer ANY THREE questions

Q1. a) Grossman (1972) model is the hall mark of health characterisation as human capital. Discuss. [10 Marks]

b) Due to asymmetry of information in relationship between physicians and their patients they may be tempted to increase the demand for their services. Explain the physician behaviour under the context of Gruber and Owings (1996). [10 Marks]

c) The Head of Department of Malaria Control programme has come up with three interventions for malaria disease in Kisumu region. Advise the HOD on two health evaluation methods which can be used to determine the most effective interventions. [10 Marks]

Q2 a) The uptake of medical of health insurance in Kenya is on the rise due uncertainty of illness and need for financial and social protection of vulnerable household. Discuss with your Board of Directors of Mavuno Health Insurance brokers how to determine the fairly actuarial price of medical plan for Zuhura residents in your locality. [8 Marks]

b) The WHO health systems framework outlines the building blocks of a functional health systems and how they can be strengthened. Explain to your health economics experts delegation what they are. Discuss with them opportunities and challenges you are likely to face in the process. [12 Marks]

Q3. a) HIV/AIDS still remains a challenge after 3 decades of intervention by Government of Kenya and the International community. Discuss the strategic directions for managing HIV/AIDS problems as envisaged in the Kenya AIDS Strategic Framework 2014-2015/ 2018-2019.

[12 Marks]

b) Explain the relationship between health and development in developing countries. [8 Marks]

- Q4. Multi criteria decision analysis (MCDA) has been used widely in health care decision modelling. Synthesis to your Public Health Network delegation on the process, types and advantages of MCDA in making decisions in health technology assessments. [20 Marks]
- Q5. a) Kenya Health Strategic Plan 2013/2017 is comprehensive policy agenda that had a wide perspective on reduction of disease burden in Kenya. Focusing on the 5 strategic objectives, critically analyse their implication on population health. [10 marks]
- b) Health care industry has distinguishing characteristics which render it unique as compared to other industries. [10 Marks]
- Q6. Prevention is better than cure. Discuss the theoretical aspects of prevention and its policy precincts. [20 Marks]