

AMREF INTERNATIONAL UNIVERSITY

SCHOOL OF PUBLIC HEALTH

DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT

MASTER OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT

END OF SEMESTER EXAMINATION MAY 2024

UNIT CODE	E: HSM 720	UNI	T NAME: HEALT	H ECONOMICS
DATE:	April, 2024			
TIME:	3 Hours	Start: 16h30	Finish 19h30	

INSTRUCTIONS

- 1. This exam is marked out of 70 marks
- This Examination comprises TWO Sections Section A: Compulsory Question (30 marks) Section B: Long Answer Questions (40 marks)

SECTION A: COMPULSORY (30 Marks)

Question 1

- a) With examples distinguish indirect costs from direct costs from a health economics perspective. (6 marks)
- b) Describe Four characteristics that make the healthcare market different from other markets (4 marks)
- c) Evaluate three benefits of Economic Evaluations (6 marks)
- d) With examples describe Three Perspectives of health that Influence Health Economics (6 marks)
- e) Discuss any Four methods of Economic evaluations in Health care (8 marks)

SECTION B (Set 4 Questions)

ANSWER ANY TWO (2) QUESTIONS

Question 2

Describe any Five factors that drive the supply of healthcare workers in developing and low-income countries. (20 Marks)

Question 3

- a. Discuss any five types of Market Failures in Health Care Economics (10 Marks)
- b. Describe any distinctive causes of the above (a) market failures (10 Marks)

Question 4 (may have a and b if the lecturer judges it necessary)

"Health is a durable capital good which is inherited and depreciates over time." Discuss this statement by applying the Grossman Model of investment in Health capital. (20 marks)

Question 5.

Kienyeji hospital has seen an increase in the demand for plastic surgery. In 2020 they performed 10 surgeries while in 2023 they performed 22 surgeries. The curve was found to be downward slopping supply curve. Discuss the:

- a. Changes on the curve with increase in surgeries due to monetary factors (10 marks)
- b. Changes in the curve due to non-monetary factors (10 Marks)