AMREF INTERNATIONAL UNIVERSITY

SCHOOL OF PUBLIC HEALTH

DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT

DEPARMENT OF COMMUNITY HEALTH

BSC HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT

BSC COMMUINTY HEALTH PRACTICE

END OF SEMESTER EXAMINATION JANUARY-APRIL, 2023

HMD 135 and   CHP 321: HEALTH ECONOMICS

Date   :   Friday 14th April 2023

TIME :   Two (2) Hours   4.15 PM -6.15 PM

Instructions

1) This paper has two sections; Section A and Section B. Answer **ALL** questions in Section A

2) For Section B, answer any two (2) questions of your choice

3) Use the university examination booklets provided

4) Write your student registration number on all your answer sheets

5) **Importance is attached to clarity and logical explanation of your answers.**

6) Do not write on the question paper

SECTION A: ANSWER ALL QUESTIONS

1. With reference to health economics, define the following concepts
   a. Health economics   (1 Marks)
   b. Healthcare equity   (1 Marks)
   c. Marginal benefit   (1 Marks)
   d. Economic appraisal   (1 Marks)
   e. Economic risk pooling   (1 Marks)

2. List 5 factors driving Inequalities in the Health care   (5 Marks)

3. With the use of a diagram describe the law of demand and supply as applied in health economics   (5 marks).

4. List five types of government interventions in the health financing (5 Marks)

5. Highlight five sources of health financing in Kenya   (5 Marks)

6. Describe healthcare as an economic need   (5 Marks)

SECTION B: ANSWER TWO QUESTIONS ONLY

QUESTION 1.

a. In economics there are various branches of economics applicable, with examples, discuss these branches   (10 Marks)

b. Discuss the influence of health on economic performance and the influence of economic performance on health   (10 Marks)

QUESTION 2.

a. In the market place there are various goods, services and products including healthcare of which their supply is influenced by various factors. With relevant examples discuss five factors influencing their Supply   (10 Marks)

b. Discuss the following economic appraisal techniques used in healthcare (10 Marks)

      i.   Cost-minimization analysis   (2 Marks)

      ii.   Cost-benefit analysis   (2 Marks)

      iii.   Option Appraisal   (2 Marks)

      iv.   Cost-consequences analysis   (2 Marks)

      v.   Cost-Effectiveness Analysis   (2 Marks)

QUESTION 3

a. The human health is determined by various factors, with relevant examples, discuss the determinants of health status in Kenya   (10 Marks)

b. Describe the following measures of combining mortality and non-fatal outcomes

                                      (10 Marks)

      c.   Quality Adjusted Life Year (QALY)   (2 Marks)

      d.   Disability Adjusted Life Year (DALY)   (2 Marks)

      e.   HeaLY (Healthy Life Years)   (2 Marks)

      f.   DFLE: (Disability Free Life Expectancy)   (2 Marks)

      g.   DALE: (Disability Adjusted Life Expectancy)   (2 Marks)