JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY SCHOOL OF HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR BACHELORS DEGREE IN COMMUNITY HEALTH AND DEVELOPMENT

4TH YEAR 2ND SEMESTER 2023/2024 ACADEMIC YEAR

KISUMU

COURSE CODE: HCB 1406

COURSE TITLE: HEALTH ECONOMICS AND FINANCING

EXAM VENUE: **STREAM: (BSc. Comm Hlth & Dev)**

DATE: **EXAM SESSION:**

TIME: 1.30 HOURS

Instructions:

1. **Answer all the questions in Section A and ANY other TWO questions in Section B.**
2. **Candidates are advised not to write on the question paper.**
3. **Candidates must hand in their answer booklets to the invigilator while in the examination room.**

Section A: Short Answer Questions (30 marks)

1. Define:
   a) Health economics (2 marks)
   b) Universal Health Coverage (2 marks)
2. Mention THREE principles of cost-effectiveness analysis (CEA) in healthcare. (3 marks)
3. State FIVE effects of a healthy population on productivity in an economy. (5 marks)
4. Mention FOUR ways a healthier population contribute to reducing healthcare costs in a country? (4 marks)
5. State FIVE importance of Quality-adjusted Life Years (QALYs) in healthcare decision-making (5 marks)
6. List FOUR funding mechanisms of healthcare systems in Kenya (4 marks)
7. State FIVE reasons why efficiency is important for the optimal function of healthcare system (5 marks)

Section B: Answer any TWO questions (40 marks)

1. Discuss the role of insurance in healthcare, including its impact on financial protection, risk pooling, and preventive care. Provide examples to support your explanation. (20 marks)

2. Explore the concept of healthcare as human capital and how it contributes to economic development. Discuss how a healthier population can lead to greater innovation and entrepreneurship. (20 marks)

3. Discuss the concept of demand and supply in healthcare. Using examples, explain how these factors can vary between rural and urban areas and the consequences for healthcare accessibility. (20 marks)