



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

PUBLIC HEALTH/COMMUNITY HEALTH AND DEVELOPMENT

4TH YEAR 2ND SEMESTER 2023/2024 ACADEMIC YEAR

MAIN CAMPUS

- COURSE CODE: HCB 1410

COURSE TITLE: BEHAVIOURAL SCIENCE

EXAM VENUE: STREAM: (BSC. Env. Hlth)

DATE: EXAM SESSION:

TIME: 2.00 HOURS

Instructions:

- 1. Answer all the questions in Section A and 2 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: ANSWER ALL QUESTIONS (30 MARKS)

1. Differentiate
 - a) Health promotion and health education (2 marks)
 - b) Health equity and health inequity (2 marks)
2. Define attitude related problems and explain THREE ways how you can solve them (4 marks)
3. Explain THREE socio-cultural determinants of non-communicable diseases in Kenya (3 marks)
4. Define food borne illnesses and describe THREE unhygienic behaviours of food handlers that can lead to food borne illnesses (4 marks)
5. Explain the role of Public Health Officers in social and behavioural sciences (3 marks)
6. Explain the FIVE basic ethical principles in public health practice (5 marks)
7. Describe the steps involved in planning for an intervention during health promotion in the community (5 marks)
8. Explain how social gradient influences the health of members in the community (2 marks)

SECTION B: ANSWER ANY TWO QUESTIONS

1. Discuss the relevance of health promotion in prevention and control of diseases in Kenya (20 marks)
2. Discuss how attitudes, values and belief system are related to health behavior (20 marks)
3. Several studies have linked stress to many chronic conditions that affect human beings.
 - a) Define stress and list its causes, signs and symptoms (5 marks)
 - b) Explain the effect of stress on the heart function and list health related problems (10 marks)
 - c) Discuss ways of preventing and managing stress (5 marks)
4. Many myths, taboos and practices around food, sanitation and rites of passage exist among the various ethnic groups found in Kenya. Discuss real examples of how culture impacts on the health of individuals among these ethnic groups (20 marks)