



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF HEALTH SCIENCES**  
**UNIVERSITY EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE**  
**PUBLIC HEALTH/COMMUNITY HEALTH AND DEVELOPMENT**  
**2023/2024 ACADEMIC YEAR**  
**KISUMU CAMPUS**

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**COURSE CODE:**

**HMP: 5133**

**COURSE TITLE:**

**NON-COMMUNICABLE DISEASE  
EPIDEMIOLOGY AND CONTROL**

**EXAM VENUE:**

**STREAM: MSc**

**DATE: 29/4/24**

**EXAM SESSION: 9-12.00 NOON**

**TIME: 2.00 HOURS**

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**Instructions:**

- 1. Answer Question One (1) that is compulsory and any other TWO (2) questions.**
- 2. Candidates MUST not to write anything on the question paper.**
- 3. Candidates MUST hand in their answer booklets to the invigilator while in the examination room.**

## Questions

1. Explain the causes and risk factors for Diabetes Mellitus Disease and mitigation measures in Kenya (15 marks)
2. Discuss the interventions recommended by World Health Organization to control and prevent Hypertension
3. Explain strategies to prevent and control mental illnesses among the youth at: primary, secondary and tertiary levels (15 marks)
4. i) Discuss FIVE types of Non communicable disease measurements used in epidemiologic studies (marks?)  
ii) Apply the Haddon Principles of injury prevention to prevent Road Traffic Accident injuries (marks?)
5. Discuss the determinants of mental health in the society with examples
6. Discuss in detail the strategies and interventions to prevent and control Malnutrition for children under five years in Kenya

JOOUST OBSERVES ZERO TOLERANCE TO EXAM CHEATING