



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

MAIN EXAM, SEPT. -DEC. 2024

COURSE CODE:

HMP: 5134

COURSE TITLE:

**COMMUNICABLE DISEASE
EPIDEMIOLOGY AND CONTROL**

EXAM VENUE:

STREAM:

DATE:

EXAM SESSION:

TIME: 2.00 HOURS

Instructions

Answer question one (compulsory) and any other three questions from this section

Each question is weighted 15 marks

1. Infectious disease surveillance is crucial towards eradication of measles.
Discuss.
2. Discuss the chain of infection and relevant interventions for malaria within a population and highlight challenges to the current mitigation measures
3. Apply the principles of communicable disease control to manage a mysterious infectious disease outbreak within a community
4. Establish the primary level strategies to prevent and control cervical cancer infection among women of reproductive age group in Kenya
5. Discuss the stages of poliomyelitis infection and the mitigation measures at each stage
6. Discuss the determinants of acquiring and the pathogenicity of corona viral infection and the mitigation measures within developing countries