



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE OF MASTER PUBLIC HEALTH
1ST YEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR
KISUMU LEARNING CENTRE**

COURSE CODE: HMP 5133

COURSE TITLE: NON-COMMUNICABLE DISEASE EPIDEMIOLOGY AND CONTROL

EXAM VENUE:

STREAM: MPH

DATE:--

EXAM SESSION: 9.00-12.00 Pm

TIME: -3.00 HOURS

Instructions:

1. Answer Question One (Compulsary) and any other 3 questions
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.

QUESTIONS

1. Epidemiologic transition is the change in balance of disease in a population from communicable to non-communicable diseases. Discuss the factors that have led to this shift. (15 marks)
2. Discuss the burden of non-communicable disease. (15 marks)
3. Discuss the challenges faced by public health practitioners in the surveillance of non-communicable diseases. (15 marks)
4. To establish the baseline prevalence rates for non-communicable disease and their associated risk factors in a population, a basic understanding of the various study designs is important. Discuss the various study designs giving their merits and demerits. (15 marks)
5. Surveillance is stated as necessary element for further development and expansion of approaches that would allow countries to address chronic non-communicable diseases from public health perspective. Discuss the characteristics of an ideal surveillance system. (15 marks)
6. Using a specific non-communicable disease, discuss its natural history, risk factors as well as prevention and control strategies. (15 marks)