



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

**UNIVERSITY EXAMINATION FOR DIPLOMA IN COMMUNITY HEALTH AND
DEVELOPMENT**

1ST YEAR 1ST SEMESTER 2015/2016 ACADEMIC YEAR

KISII CAMPUS-PART TIME

COURSE CODE: HCD 2114

**COURSE TITLE: INTRODUCTION TO MEDICAL PARASITOLOGY &
ENTOMOLOGY**

EXAM VENUE: STREAM: (Dip. Comm Hlth & Dev)

DATE: EXAM SESSION:

TIME: 1.5 HOURS

Instructions:

1. Answer all questions in section A and any other 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

1. Explain the following terms as used in medical parasitology and entomology;
 - i. Hyperparasite. (2 marks)
 - ii. Arthropod vectors. (2 marks)
 - iii. Giardiasis. (2 marks)
2. Briefly describe the clinical presentation of cutaneous leishmaniasis. (4 marks)
3. Describe the life cycle of *Musca domestica*. (4 marks)
4. With the aid of a diagram draw a neat well labeled diagram of a cockroach. (3 marks)
5. Explain prevention measures of trichonomiasis. (4 marks)
6. Briefly describe the habits and habitats of human lice. (3 marks)
7. Explain the public health importance of ticks. (3 marks)
8. Enumerate principles of prevention of Amoebiasis. (3 marks)

SECTION B: ANSWER ANY TWO QUESTIONS

1. Discuss Myiasis. (15 marks)
2. Discuss the epidemiology, lifecycle, pathogenesis and prevention of malaria. (15 marks)
3. Describe the common species of fleas, their public health importance, life cycle and control measures. (15marks)
4. Describe the pathogenesis and clinical presentation of *toxoplasma gondi* infection. (15 marks)