



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

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

1st YEAR 1ST SEMESTER 2016/2017

UGUNJA LEARNING CENTRE

COURSE CODE: HDC 2114

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

EXAM VENUE:

STREAM

DATE:

EXAM SESSION:

TIME:

1.30 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 THE QUESTIONS (30 MKS)

1. What are the three types of symbiotic relationships (3 mks)
2. List three types of hosts (3 mks)
3. State three ways in which flies transmit diseases (3 mks)
4. Enumerate four sources of parasitic infections (4mks)
5. State three horizontal direct mode of transmission (3mks)
6. State three types of parasites (3 mks)
7. State two mechanical vectors and the disease they cause in man (2mks)
8. List three ways in which helminthes are adapted to parasitism (3 mks)
9. State three characteristics of nematodes (3 mks)
10. State three types of specimen used in parasitological examination (3mks)

SECTION B

ANSWER ANY TWO (2) QUESTIONS IN THIS SECTION

1. Explain the mode of transmission, epidemiology, life cycles, clinical manifestation and control measures of *Ascaris lumbricoides* (15 mks)
2. Discuss the life cycle, control measures, treatment and prevention of Schistomes in humans (15 mks)
3. Describe the life cycle, clinical manifestation and control of malaria parasite (15 marks).
4. a) Discuss the life cycle, epidemiology and control measures of *Wuchereria bancrofti* (10mks)
b) Briefly discuss on five vector control measures (5mks)