



W1-2-60-1-6

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY
UNIVERSITY EXAMINATIONS 2019/20190 EXAMINATION FOR THE DEGREE OF
MASTER OF SCIENCE IN MEDICAL PARASITOLOGY AND ENTOMOLOGY
SZL 3125: CONTROL OF PARASTICI INFECTIONS**

DATE: FEBRUARY 2020

TIME: 3 HOURS

INSTRUCTIONS: Answer any four questions.

1. a. Describe the role of health education in control of parasitic infections. (10 marks)
b. Explain how health education for parasitic diseases control should be implemented in endemic communities and the various materials used. (15 marks)
2. Discuss integrated vector management for effective control of Leishmaniasis. (25 marks)
3. Outline the three most common gastrointestinal human protozoan parasites in Kenya and describe their control strategies. (25 marks)
4. You have been assigned duties as a medical parasitologist in a Malaria endemic county, discuss the approaches that you could propose for effective control of the disease. (25 marks)
5. Ticks are known to be important transmitters (vectors) of diseases to both human and livestock:
 - a. Describe the two main types of ticks in Kenya and give examples of diseases they transmit. (10 marks)
 - b. Discuss the various ways of controlling ticks. (15 marks)
6. a. Discuss the general control of lymphatic filariasis. (10 marks)
b. Describe the different approaches in control of Schistosomiasis. (15 marks)