



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE OF MASTER OF SCIENCE IN
BIOMEDICAL SCIENCES
1ST YEAR 2ND SEMESTER 2023/2024 ACADEMIC YEAR
KISUMU CAMPUS

COURSE CODE: HPM 5121

COURSE TITLE: Advanced Medical Helminthology

EXAM VENUE: STREAM: MSc Biomedical Sciences (Medical Parasitology)

DATE: EXAM SESSION:

TIME: 3.00 HOURS

Instructions:

- 1. Answer ALL Questions in Section A and Any Other THREE Questions from 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. With an example, name any 3 common modes of transmission of helminthic parasites (6 mks)
2. Name any two drugs used for the treatment of different helminthic infections (3 mks)
3. Briefly describe any 3 challenges to the control of helminthic diseases of humans (6 mks)

Section B: Answer any 3 Questions

4. Discuss the helminthic parasites under the 3 classes of medical importance (15 mks)
5. Discuss the factors that influence host susceptibility to parasite infection (15 mks)
6. Describe the mechanisms of disease pathogenesis in helminthic infections (15 mks)
7. Describe the manifestations of helminthic parasites on various body systems (15 mks)
8. Describe the management of a common helminthic parasite of choice (15 mks)