



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR MSC. BIOMEDICAL SCIENCE &
TECHNOLOGY (MEDICAL PARASITOLOGY)
1ST YEAR 2ND SEMESTER 1 2023/2024 ACADEMIC YEAR
KISUMU CAMPUS

COURSE CODE: HPM 5124
COURSE TITLE: Techniques in Medical Parasitology
EXAM VENUE: STREAM: MSc. Biomedical Sciences (Medical Parasitology)
DATE: EXAM SESSION: 9.00 Am-12.00 Noon
TIME: 03.00 HOURS

Instructions:

- 1. Answer Question ONE and ANY other THREE 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.**

Answer Question ONE and ANY other THREE Questions

1. Discuss any 5 major challenges in the diagnosis of helminthic infections (15 mks)
2. Describe 5 key specimens used in the diagnosis of helminthic infections (15 mks)
3. Using a parasite, describe the diagnosis of helminthic infections from stool (15 mks)
4. Describe culture as a method of diagnosis of helminthic infections (15 mks)
5. Describe the use, merit and challenges of *floatation* as a diagnostic tool (15 mks)
6. Discuss the importance of molecular techniques in medical parasitology today (15 mks)