



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
BACHELOR OF COMMUNITY HEALTH PRACTICE
END OF SEMESTER EXAMINATION
APRIL 2026

UNIT CODE: CHP 132 MEDICAL PARASITOLOGY

DATE: XXXX APRIL 2026

TIME: TWO Hours

Start:

Finish:

INSTRUCTIONS

1. This exam is marked out of 70 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (30 marks)
Section B: Long Answer Questions (40 marks)
3. All questions in Section A are compulsory and Answer any TWO questions in Section B

SECTION A: COMPULSORY (30 Marks)

Short Answer Questions

1. Highlight three burdens of parasitic infections in the global arena. (3 marks)
2. State four mechanisms adopted by parasites for establishment in their hosts. (4 marks)
3. Outline the epidemiological triad in parasitic infections. (3 marks)
4. State four reasons for health education and community engagement in management of parasitic diseases. (4 marks)
5. List three laboratory diagnostic methods for intestinal Helminths. (3 marks)
6. Highlight the life cycle of *Ascaris lumbricoides*. (4 marks)
7. List four challenges currently encountered in prevention and control of Helminthic infections. (4 marks)
8. Outline three manifestations of Trichomoniasis infection in man (3 marks)
9. Highlight two complications of hydatid diseases caused by *Echinococcus granulosus*. (2 marks)

SECTION B

ANSWER ANY TWO (2) QUESTIONS (40 Marks)

Long Answer Questions

10. Schistosomiasis and Soil Transmitted Helminthes including Hookworms have gained global attention affecting over 2 billion people worldwide. Describe: -
 - a. The pathogenesis of hookworm infection. (10 marks)
 - b. Complications of acute and chronic schistosomiasis. (10 marks)
11. Leishmaniasis 'Kalaazar' is endemic in many African countries including Kenya. Describe
 - a. The life-cycle and clinical forms of the disease. (14 marks)
 - b. The World Health Organization strategies for its prevention and control. (6 marks)
12. A 24-year-old man returns from Kilifi with fever every 48 hours, chills, and anemia. Thick and thin blood smears show multiple ring forms inside erythrocytes.
 - a. Identify the parasite and the clinical disease. (2 marks)
 - b. Describe the life cycle of the parasite. (6 marks)
 - c. Discuss pathological manifestations associated with the infection. (6 marks).
 - d. State three challenges in control and elimination of the disease. (6 marks)