



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
BACHELOR OF SCIENCE IN COMMUNITY HEALTH
END OF SEPTEMBER-DECEMBER TRIMESTER 2022 EXAMINATIONS

CHP 132: Medical Parasitology

Date: 28th November 2022

Time: 2 hours

Start: 4.00 PM

Stop: 6.00 PM

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
4. This online exam shall take 2 Hours
5. Do Not write anything on the question paper -use the back of your booklet for rough work if need be.

SECTION A: SHORT ANSWER QUESTIONS

Answer all Questions (30 Marks)

1. a) Identify two (2) indirect effects of parasite on the host (4 Marks)
b) Outline six (6) factors determining distribution of parasites (6 Marks)
2. a) Highlight three (3) species of flukes that infect humans (3 marks)
b) Outline three (3) symbiotic relationships between two organisms: (3 marks)
c) Highlight four preventive measures designed to break transmission of parasitic diseases (4 marks)
3. a) Highlight (2) methods of reproduction among parasitic protozoa (6 Marks)
b) Outline four (4) ecological advantages of protozoa? (4 Marks)

SECTION B: Long Answer Questions (LAQs)

Answer Any TWO Questions - (40 marks)

4. a) Describe the lifecycle of Malaria infection. (10 Marks)
b) Discuss the prevention and control of malaria infection (10 Marks)
5. a) Discuss the pathology and clinical features of *amoebiasis* (10 Marks)
b) Describe the life cycle of *Schistosoma haematobium* (10 mark)
6. Discuss the *Acylostoma duodenale* infection in humans under the following sub-heading;
 - a) Pathogenesis (5 Marks)
 - b) Life cycle (5 Marks)
 - c) Laboratory diagnosis (3 Marks)
 - d) Control and prevention (7 Marks)