



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
BACHELOR OF SCIENCE IN COMMUNITY HEALTH
END-OF- JNAURY-APRIL 2023 SEMESTER EXAMINATION

CHP 132: Medical Parasitology

Date: 14th April 2023

Time: 2 hours

Start: 2. PM

Stop: 4. 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. Late submission of the answers will not be accepted
6. Ensure your web-camera is on at all times during the examination period
7. No movement is allowed during the examination
8. Idling of your machine for 5 min or more will lead to lock out from the exam
9. The Learning Management System (LMS) has inbuilt integrity checks to detect cheating
10. Any aspect of cheating detected during and or after the exam administration will lead to nullification of your exam
11. In case you have any questions call the Head of Department on Tel +254720573449
12. For adverse incidences please write an email to: amiu.examinations@amref.ac.ke

SECTION A: SHORT ANSWER QUESTIONS

Answer all Questions (30 Marks)

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

SECTION B: Answer Any TWO Questions (40 marks)

4. a) In regards to lifecycle of Malaria infection, discuss the following
 - i. Pre - Erythecytic cycle (5 Marks)
 - ii. Erythrocytic cycle (5 Marks)
 - iii. Sporogony life cycle (5Marks)b) Discuss control & prevention of malaria infection (5 Marks)
5. a) Discuss clinical features of *amoebiasis* in human (5 Marks)
b) Discuss the life cycle of Life cycle of *Schistosoma haematobium* (15 mark)
6. Discuss *Necator americanus* 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)