



UNIVERSITY EXAMINATIONS

SECOND SEMESTER 2023/2024 ACADEMIC YEAR

**SECOND YEAR EXAMINATION FOR THE DEGREE OF
BACHELOR OF BIOMEDICAL SCIENCE AND
TECHNOLOGY (BMED)**

BMED 224: MEDICAL PROTOZOOLOGY

STREAM: R

TIME: 2 HRS

DAY: FRIDAY [2.30P.M – 4.30P.M]

DATE: 12/04/2024

THIS QUESTION PAPER CONSISTS OF THREE (3) PAGES

PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.

INSTRUCTIONS TO CANDIDATES: ANSWER ALL QUESTIONS IN SECTION A AND ANY TWO QUESTION IN SECTION B

LU observes ZERO tolerance to examination cheating

SECTION A: ANSWAER ALL QUESTIONS (40 MARKS)

QUESTION ONE

Define the following terminologies and provide **ONE** example. **(4 Marks)**

- i. Accidental parasite
- ii. Recrudescence

QUESTION TWO

List **four** example of biological vector. **(4 Marks)**

QUESTION THREE

State complication associated with *Entamoeba histolytica* **(4 Marks)**

QUESTION FOUR

Highlight the virulent determinants of *Entamoeba histolytica* **(4 Marks)**

QUESTION FIVE

List example of anti-girdia agents **(4 Marks)**

QUESTION SIX

List protozoan parasites found in small intestine. **(4 Marks)**

QUESTION SEVEN

State treatment and prophylaxis against trypanosomes. **(4 Marks)**

QUESTION EIGHT

List diagnosis method of Leishmaniasis. **(4 Marks)**

QUESTION NINE

State stains used in staining trypomastigotes parasites. **(4 Marks)**



QUESTION TEN

Highlight risk factor of cryptosporidium parasite

(4 Marks)

SECTION B: ANSWER TWO QUESTIONS (30 MARKS)

QUESTION ELEVEN

Describe the lifecycle of *P. falciparum*.

(15 Marks)

QUESTION TWELVE

Describe the lifecycle of *Leishmania donovani*.

(15 Marks)

QUESTION THIRTEEN

Write an essay on control and prevention measures against parasitic disease.

(15 Marks)

