



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

**MAIN EXAMINATIONS
MAIN CAMPUS**

FIRST YEAR FIRST SEMESTER EXAMINATIONS

**FOR THE DEGREE
OF
MASTER OF SCIENCE IN MEDICAL PARASITOLOGY**

COURSE CODE: SZL 815

COURSE TITLE: MEDICAL PROTOZOOLOGY

DATE: FRIDAY, 14TH JANUARY 2022

TIME: 8:00 – 11:00 A.M.

INSTRUCTIONS TO CANDIDATES

Answer FOUR questions, question ONE is compulsory

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over. 

1. There are various approaches in taxonomy of protozoan parasites. Discuss in your own view the best approach (15 Marks)
 2. Using examples, discuss the advantages of complex life cycles of protozoan parasites
 3. Discuss the life history theory and its implications (15 marks)
 4. Describe in details using examples the following terms
 - a) Social parasitism (5 marks)
 - b) Brood parasitism (5 marks)
 - c) Hyper parasitism (5 marks)
- 5a). Using an example explain how a parasite may evade the host immune system and co-exist (7 marks)
- b). Discuss how some parasites have evolved in transmission to evade extinction (8 marks)