



(Knowledge for Development)

KIBABII UNIVERSITY
UNIVERSITY EXAMINATIONS
2019/2020 ACADEMIC YEAR

FORTH YEAR SECOND SEMESTER
MAIN EXAMINATIONS

FOR THE DEGREE OF BACHELOR OF SCIENCE (BIOLOGY) AND
BACHELOR OF EDUCATION SCIENCE

COURSE CODE: SZL 423

COURSE TITLE: PARASITOLOGY II

DATE: Friday 13th November, 2020. **TIME:** 9:00 - 11:00 a.m.

2:00 - 4:00 P.M.

INSTRUCTIONS TO CANDIDATES

Answer Question one (1) and any other two (2) Questions. Question one is compulsory and carries 30 marks, the other Questions carry 20 marks each.

TIME: 2 Hours

This paper consists of 3 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

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- (a) Describe the life cycle of *Balantidium coli* (3 marks)
- (b) Explain the clinical features of *Giardia lamblia* (3 marks)
- (c) Outline the mode of infection of *Trichomonas vaginalis* (3 marks)
- (d) Explain laboratory diagnosis of *Entamoeba histolytica* (3 marks)
- (e) Explain the control of Trypanosomiasis (3 marks)
- (f) Explain the prevention and control of *Trichomonas vaginalis* (3 marks).
- (g) Explain the control of Babesiosis (3 marks)
- (h) Explain the diagnosis of *Cryptosporidium parvum* (3 marks)
- (i) Describe the life cycle of *Entamoeba histolytica* (3 marks)
- (j) Give at least three drugs that can be used to treat malaria (3 marks)

2 (a) Explain the effects of parasites on hosts (10 marks)

(b) Describe the morphology and life cycle of *Leishmania* parasites (10 marks)

3 (a) Explain the diagnosis of Trypanosomiasis (10 marks)

(b) Describe the lifecycle of malaria parasites (10 marks)

4 (a) Describe the motility of protozoan parasites (10 marks)

(b) Discuss the immunity to parasitic infections (10marks)

5. Discuss the physiology of protozoan parasites (20 marks)