



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

SPECIAL/SUPPLEMENTARY EXAMINATIONS

SECOND YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION SCIENCE

SECOND SEMESTER, 2022/2023

(NOVEMBER/DECEMBER, 2022)

ZOOL 240: GENERAL PARASITOLOGY

STREAM: Y2 S2

TIME: 2 HOURS

DAY:

DATE: 00/12/2022

INSTRUCTIONS

- 1. Do not write anything on this question paper.*
- 2. Answer ALL the questions in section A [Compulsory] and any other TWO Questions from section B.*

SECTION A: (40 MKS)

All questions in this section are compulsory

1. With relevant examples, briefly outline the range of habitats provided by animal hosts to parasites (5 marks)
2. Give a short note on morbidity as relates to parasitology (6 marks)
3. Highlight on the factors on which the distribution of parasites depends upon. (5 marks)
4. Outline some of the diagnostic laboratory procedures for establishment of parasitic infestation. (5 marks)
5. Briefly explain some of the adaptive characteristics of parasites to their mode of life (5 marks)
6. Outline the pathogenesis and epidemiology of Trypanosomiasis (4 marks)

7. Give a note on *Enterobius vermicularis* (5 marks)

8. Explain the major methods of reproduction among the parasitic protozoa. (5 marks)

SECTION B (30 MKS)

Answer any two questions from this section. All questions carry equal marks

9. Analyse the nomenclature of parasitic organisms (15 marks)

10. Give an account on the life cycle and clinical features of *Plasmodium falciparum* (15 marks)

11. Give an account of the life cycle and control measures for *Ascaris lumbricoides* (15 marks)