



EMBU UNIVERSITY COLLEGE

(A CONSTITUENT COLLEGE OF THE UNIVERSITY OF NAIROBI)

TRIMESTER 2013/2014 EXAMINATIONS

SECOND YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

IN AGRICULTURE

AAS 204: PARASITOLOGY

DATE: AUGUST 11, 2014

TIME: 8.30– 1.30AM

INSTRUCTIONS:

Answer ANY TEN Questions (7 Marks each)

1. a) Define symbiosis and state different types of symbiotic relationships (5 marks)
b) Define parasitism (2 marks)
2. What are the classifications of pathogenic protozoa, and their organ of locomotion?
3. State the classification of different types of host.
4. What are the differences between the insects and arachnids?
5. Give examples of lice and their importance
6. a) List the different types of tse-tse flies (3 marks)
b) Briefly state the life cycle of tse-tse flies (4 marks)

7. Name examples of ticks stating whether they are soft or hard ticks
8. Discuss the Life cycle of *Rhipicephalus appendiculatus*
9. Discuss control and prevention of *Trichinella spiralis*
10. Discuss the life cycle of round worms.
11. a) What is the economic importance of arthropods? (5 marks)
b) List two types of mites (2 marks)
12. Name examples of hook worms stating their pathogenesis

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