



# UNIVERSITY OF EMBU

2018/2019 ACADEMIC YEAR

SECOND SEMESTER EXAMINATIONS

SECOND YEAR EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE IN  
AGRICULTURAL EDUCATION AND EXTENSION

AAS 204: GENERAL PARASITOLOGY

DATE: APRIL 10, 2019

TIME: 8:30-10:30AM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

QUESTION ONE (30 MARKS)

- a) Explain the following terms as used in parasitology:
- |                     |          |
|---------------------|----------|
| i) Parasite         | (1 mark) |
| ii) parasitoid      | (1 mark) |
| iii) Transport host | (1 mark) |
| iv) Definitive host | (1 mark) |
- b) Describe the various types of parasites (6 marks)
- c) Describe the hosts- parasites relationships (5 marks)
- d) Explain the lifecycle of *Toxoplasma gondii* (5 marks)
- e) Discuss the stages of *Visceral donovani* transmission (5 marks)
- f) Explain the lifecycle of *Taenia solium* (5 marks)



ISO 27001:2013 Certified

*Knowledge Transforms*



ISO 9001:2015 Certified

**QUESTION TWO (20 MARKS)**

- a) Discuss the life cycle of *Plasmodium malariae* (12 marks)  
b) Describe the morphology of *Fasciolopsis buski* parasites (8 marks)

**QUESTION THREE (20 MARKS)**

- a) Explain how the transmission of *trypanosome brucei* can be prevented (10 marks)  
b) Describe the lifecycle of *Ascaris Lumbricoides* (10 marks)

**QUESTION FOUR (20 MARKS)**

- a) Discuss the transmission and symptoms of *Entamoeba histolytica* (12marks)  
b) Explain the morphology of *Balantidium coli* parasite (8 marks)

**QUESTION FIVE (20 MARKS)**

- a) Describe the Transmission of *Giardia lamblia* (10 marks)  
b) Explain the effects of parasites on their hosts (10 marks)

**-END-**

