



W1-2-60-1-6

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND  
TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2018/2019**

**EXAMINATIONS FOR THE DEGREE OF MASTER OF SCIENCE IN MEDICAL  
PARASITOLOGY & ENTOMOLOGY**

**TPE 3100: MEDICAL PROTOZOOLOGY**

**DATE: SEPTEMBER 2019**

**TIME: 3 HOURS**

**INSTRUCTIONS: ANSWER ANY FOUR QUESTIONS (25 MARKS EACH).**

**ILLUSTRATE YOUR ANSWERS WHERE APPROPRIATE**

- 1) Discuss the life cycle of Malaria parasite as the basis of Malaria control. (25 marks)
- 2) Describe the morphology, biology, pathogenesis and treatment of Trichomonas vaginalis. (25 marks)
- 3) Discuss:
  - a) the relationship of Leishmania parasite with its vector and host (15 marks)
  - b) the morphology of the Leishmania parasite in the vector and in the host. (10 marks)
- 4) Give an outline on the morphology, life cycle, pathology, symptomatology, diagnosis, treatment and control of Entamoeba histolytica. (25 marks)
- 5) Describe the morphology, life cycle, pathology, symptoms, diagnosis, treatment, prevention and control of Giardia lamblia.