

**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
THIRD YEAR SEMESTER ONE EXAMS
HCD 3316 MEDICAL AND VETERINARY PARASITOLOGY
MAIN CAMPUS**

SECTION A: Answer ALL questions in this section (3 Marks each).

1. Define the following terms:
 - a) Holoendemicity
 - b) Hypoendemicity
 - c) Hyperendemicity
2. State 3 differences between eggs of parasites that cause schistosomiasis
3. State any 3 species of parasites that cause malaria
4. State any 3 parasites transmitted by the faecal-oral route and state the sites of invasion
5. State the two causative agents of hydatid cysts:
6. Define the following terms as used in Parasitology:
 - a) A definitive host
 - b) An intermediate host
 - c) A paratenic host
7. State any 3 harmful effects of parasites to man
8. List 3 control measures against lymphatic filariasis
9. List any 3 modes of transmission of trichomonus vaginalis
10. State differences between thin and thick smears in diagnosis of malaria:

SECTION B

Answer any TWO questions from this section (20 marks each)

1. Discuss methods of prevention and control of parasites of medical and veterinary importance
2. Discuss the etiology, causative agent, epidemiology, diagnosis, treatment, prevention and control strategies of Brucellosis.
3. Discuss malaria and the 'burden of malaria'.
4. Discuss the etiology, causative agent, epidemiology, diagnosis, treatment, prevention and control strategies of schistosomiasis.