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**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR THE DIPLOMA IN COMMUNITY HEALTH AND DEVELOPMENT**

**1stYEAR 1ST SEMESTER 2016/2017**

**KISUMU LEARNING CENTRE**

**COURSE CODE: HDC 2114**

**COURSE TITLE: INTRODUCTION TO MEDICAL PARASITOLOGY AND ENTOMOLOGY**

**EXAM VENUE:-- STREAM: DIPLOMA CHD**

**DATE: 15/12/16 EXAM SESSION: 9.00 – 11.00 AM**

**TIME: 1.30 HOURS**

**Instructions:**

1. **Answer all questions in section A and any other 2 questions in Section B.**
2. **Candidates are advised not to write on the question paper**
3. **Candidates must hand in their answer booklets to the invigilator while in the examination room**

**SECTION A**

**Answer all the questions in this section**

1. Define the following terms:
2. Zoophilic (1 mk)
3. Cyst (1 mk)
4. State twoimportances of knowing life cycle of parasites (2mks)
5. State three source of exposure to helminthic infections (3 mks)
6. State two differences between biological vectors and mechanical vectors (4 mks)
7. Briefly discuss on the life cycle of mosquito (4 mks)
8. Name two specimens used in the examination for Schistosomiasis (2 mk)
9. Name two parasitic diseases caused by houseflies (2 mks)
10. Briefly discuss on the harmful effects of parasites on their hosts (4 mks)
11. List the four developmental stages of flukes inside the snail (4 mks)
12. Differentiate between filariasis and malaria (3mks)

SECTION B

**Answer any TWO questions from this section**

1. Describe the life cycle, mode of transmission, treatment and prevention of *Giardia intestinalis* in man (15 mks)
2. Discuss the life cycle, treatment prevention and control of *Taeniasaginata* (15 mks)
3. Discuss the life cycle, mode of transmission,diagnosis, treatment, prevention and control of *Ancylostomaduodenale*(15 mks)
4. a) Discuss on the types of parasites and hosts (8mks)

b) Briefly discuss the morphological adaptations of helminthes to parasitism (7mks)