



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR CERTIFICATE IN COMMUNITY HEALTH DEVELOPMENT

1ST YEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR

KISII CAMPUS

COURSE CODE: HCD 1112

COURSE TITLE: INTRODUCTION TO INVERTEBRATES OF MEDICAL IMPORTANCE

EXAM VENUE:

STREAM: CERTIFICATE

DATE:

EXAM SESSION:

TIME: 1.30 HOURS

Instructions

- 1 Answer all questions in section A and any other two 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 (30MKS)

1 Briefly define the following terms

a) Invertebrates (2mks)

b) Symbiosis (2mks)

c) Host (2mks)

d) Medical parasitology (4mks)

2 State three medically important parasites (3mks)

3 List two basic classifications of parasites (2mks)

4 List three parasitic diseases and the parasites which cause them (6mks)

5 State two methods of identifying a parasite (2mks)

6 Briefly describe what you understand by ecological associations between organisms (3mks)

7 Explain what you understand by the term biological control of parasites (4mks)

SECTION B (30MKS)

ANSWER ANY TWO QUESTIONS FROM THIS SECTION

1 Identify and discuss invertebrates of medical importance (15mks)

2 Discuss the economic importance of parasites (15mks)

3 Discuss the adaptations of endoparasites to their environment (15mks)

4 Broadly discuss the human activities and interventions that have hindered the existence of the invertebrates over the years (15mks)