



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF HEALTH SCIENCES**  
**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE**  
**PUBLIC HEALTH/ COMMUNITY HEALTH AND DEVELOPMENT**  
**SEMESTER 2016/2017 ACADEMIC YEAR**  
**KISUMU CAMPUS**

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**COURSE CODE: HPD 3223**

**COURSE TITLE: COMMUNICABLE AND NON- COMMUNICABLE DISEASES**

**EXAM VENUE:--**

**STREAM: (BSc. P. Health / Comm Hlth & Dev)**

**DATE: 21/12/16**

**EXAM SESSION: 9.00 -11.00 AM**

**TIME: 2.00 HOURS**

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**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 I answer all questions (30 marks)**

1. Define the following terms: (3 marks)
  - a. Infestation
  - b. Reservoir
  - c. Epizootic
2. State three importance of studying communicable diseases. (3 marks)
3. With examples give three mode of transmission of communicable diseases. (3 marks)
4. Name at least three stages required for successful parasitism. (3 marks)
5. State the difference between incubation period and latent period. (3 marks)
6. List the identified gaps in natural history of non-communicable diseases. (3 marks)
7. Name interventions used in primary prevention of non-communicable diseases (3 marks)
8. List the characteristics of non-communicable/chronic diseases. (3 marks)
9. Name three respiratory non-communicable diseases. (3 marks)
10. Give three metabolic risk factors of non-communicable diseases. (3 marks)

**Section II answer all questions (40 marks)**

1.
  - a. Describe life cycle of Schistosoma Mansoni. (10 mks).
  - b. List the approaches of preventing its occurrence. (10 mks).
2. Discuss management, prevention and control of trachoma. (20 mks).
3. Explain the reasons for rise of non-communicable diseases in developing countries. (20 mks)
4. Discuss the risk factors of cardiovascular diseases. (20 mks)