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

**SCHOOL OF HEALTH SCIENCES**

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

**1ST YEAR 2nd SEMESTER 2018/2019 ACADEMIC YEAR**

**KISII CAMPUS**

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**COURSE CODES: HDC 2124**

**COURSE TITTLE: PREVENTION AND CONTROL OF COMMUNICABLE AND NON COMMUNICABLE DISEASES**

**EXAM VENUE:**                                            **STREAM: (Dip. Comm. Hlth & Dev)**

**DATE:**                                                         **EXAM SESSION:**

**TIME: 2 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 A

## QUESTION ONE (30marks)

   (a)  Define the following terms.                                               (3marks)
- i.     Natural immunity
- ii.    Acquired immunity
- iii.   Disease etiology

   (b)  Briefly discuss three ways in which communicable diseases are classified.    (3marks)

   (c)  Distinguish between communicable and non-communicable diseases        (3marks)

   (d)  Describe the transmission cycle of cholera.                        (3marks)

   (e)  Discuss the mechanisms of transmission of communicable diseases.      (3marks)

   (f)  Briefly discuss three factors that can contribute to a person developing a non-communicable disease .                                                      (3marks)

   (g)  Highlight three cardiovascular diseases.                             (3marks)

   (h)  Differentiate between emerging and re-emerging diseases.            (3marks)

   (i)  Discuss three autoimmune disorders.                             (3marks)

   (j)  Discuss the prevention and control measures for rabies.           (3marks)

# SECTION: B

## Question two

You have been asked to prepare an education message for sensitization of the public on the public health importance of malaria. Discuss the key issues you would address in your message.     (15marks)

## Question three

Discuss the prevention and control measures of autoimmune disorders.         (15marks)

## Question four

Hepatitis is one of the diseases of public health importance. Discuss.          (15marks)

## Question five

Discuss how surveillance can be used as a public health strategy  in controlling communicable diseases. (15mks)