UNIVERSITY EXAMINATION FOR CERTIFICATE IN COMMUNITY HEALTH AND DEVELOPMENT

1ST YEAR 2ND SEMESTER 2018/2019 ACADEMIC YEAR

KISII CAMPUS

COURSE CODE: HCD 1125

COURSE TITLE: EPIDEMIOLOGY & PREVENTION OF COMM DISEASES

EXAM VENUE: ROOM 10  STREAM: (Cert. CommHlth&Dev)

DATE: 24TH APRIL 2019  EXAM SESSION: 12.00 – 1.30PM

TIME: 1 ½ 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 QUESTIONS IN THIS SECTION)
1 Define the following terminologies as known in epidemiology and disease control (3mks)
   (i)  Host.
   (ii) Immunity.
   (iii) Incidence
   (iv) Infection
   (v)  Infestation
   (vi) Incubation period
2 Mention the five “Fs” which play an important role in fecal oral diseases transmission (3mks)
3 Name any three major schistoma species that cause schistosomiasis of humans (3mks)
4 (a) Define Measles (Rubella)-(1mk)
    (b) Mention the prevention and control measures of measles (3mks)
5 Describe the term direct transmission of communicable diseases using the following subheadings (3mks)
   (i) Definition
   (ii) Examples of transmission
   (iii) Examples of infections
   (iv) Precautions
6 State any 3 prevention and control measures of poliomyelitis (3mks)
7 State the components of the epidemiological triad of causal factors (3mks)
8 (a) List any six ways in which infectious agents spread(3mks)
    (b) Mention any 6 major areas of epidemiological disease causation (3mks)
9 (a) List the six factors involved in the chain of disease transmission (3mks)
    (b) What do you understand by Interruption of transmission of a disease (2mks)

SECTION B (ANSWER ANY TWO QUESTIONS)
1 Transmission of communicable diseases may be direct or indirect. Justify (15mks)
2 Describe the main methods of controlling communicable diseases (15mks)
3 State effectively how you can ensure protection of a susceptible host is achieved (15mks)
4 Describe the prevention and control measures of Typhoid (15mks)