Instructions:

1. Answer all the questions in Section A and 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. (30MARKS)

1. Define the following terminologies as used in epidemiology. (5marks)
   a) Epidemic.
   b) Pandemic.
   c) Holoendemic
   d) Host
   e) Sporadic.

2. Outline briefly five uses of epidemiology in public health set up. (5marks)


4. State four examples of a commonly computed rates in epidemiology. (4marks).


6. Outline five routes of disease transmission. (5marks)

7. State two example of non-experimental study. (2marks)

SECTION B. (40MARKS)

8. Discuss levels of disease prevention in epidemiology. (20marks).

9. Describe the phases of infectious disease cycles. (20marks).

10. a) State and explain 7 factors that can influence the prevalence of a disease (14marks).

    b) Classify and state two example in each analytical study design. (6marks)