



PROGRAM : NATIONAL DIPLOMA
ENVIRONMENTAL HEALTH

SUBJECT : **EPIDEMIOLOGY II**

CODE : **GEP211A**

DATE : 11 NOVEMBER 2014
FINAL EXAMINATION

DURATION : 3 HOURS

WEIGHT : 50 : 50

TOTAL MARKS : 150

EXAMINER : MR TT SIGUDU

MODERATOR : MRS CHADYIWA

NUMBER OF PAGES : 3

INSTRUCTIONS TO CANDIDATES:

1. ANSWER ALL QUESTIONS
2. READ YOUR QUESTIONS CAREFULLY, YOU WILL BE PENALISED IF YOUR ANSWERS ARE NOT PROPERLY STRUCTURED
3. YOU CAN START WITH ANY QUESTION, BUT DO NOT DIVIDE SUB-QUESTIONS OF THE SAME QUESTION
4. PLEASE WRITE NEATLY

GOOD LUCK!!!

TAKE TIME BY THE FORELOOK

QUESTION 3

3.1 Discuss briefly the five (5) measures for preventing and controlling mosquito infestation. (10)

3.2 Briefly discuss outer defence mechanism of the body (8)

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QUESTION 4

4.1. Why infection does not always occur? Give eight reasons. (8)

4.2. Briefly discuss the four periods in the course of infectious disease. (12)

4.3. Describe the difference between a symptom and sign of a disease, also provide relevant examples. (8)

4.4. Discuss toxins and its major types in terms of pathogenesis. (8)

4.5. List the six steps in the pathogenesis of infectious diseases (6)

[42]

QUESTION 5

5.1. Discuss the two approaches or strategies for the primary prevention of chronic diseases as recommended by World Health Organisation. (12)

5.2. Tabulate prevention in terms of: (12)

a) Diseases stage,

b) Level of prevention, and

c) Type of response.

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