

CHUKA



UNIVERSITY

COLLEGE

UNIVERSITY EXAMINATIONS

**SECOND YEAR EXAMINATION FOR THE AWARD OF
DIPLOMA IN ANIMAL HEALTH AND PRODUCTION**

ANHE 0317: IMMUNOLOGY AND GENERAL DISEASE CONTROL

STREAMS: DIP. (ANHPD) Y2S2

TIME: 2 HOURS

DAY/DATE: MONDAY 8/8/2011

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS

PART A is Compulsory. Answer any two questions in PART B. (40 MARKS)

PART A: (60 MARKS)

- Q.1 What are the major differences between immediate and delayed type of reactions. [20 marks]
- Q.2 (a) Discuss various ways that you can use to classify vaccines. [10 marks]
(b) List the characteristics of an ideal vaccine. [10 marks]
- Q.3 Discuss various means in which natural defense (immunity) mechanism is acquired. [20 marks]

PART B: (40 MARKS)

- Q.4 (a) What are the properties of a good antigen? [10 marks]
(b) List 5 types of antibodies. [10 marks]
- Q.5 What are the major differences between passive and active immunity? [20 marks]
- Q.6 Discuss 4 types of the commonly used vaccines in the field. [20 marks]
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