

CHUKA



UNIVERSITY

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

ANHE 0214: INTRODUCTION TO VETERINARY PARASITOLOGY

STREAM: DIP (ANHPD) Y3S1

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 13/4/2011

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

Answer any of the following 5 questions.

1. Discuss in details the principles applied in control of animal parasites. [20 marks]

2. Precisely define the following terms
 - (a) Ecology [2 marks]
 - (b) Symbiosis [2 marks]
 - (c) Mutualism [2 marks]
 - (d) Commensalism [2 marks]
 - (e) Parasitism [2 marks]
 - (f) Entomology [2 marks]
 - (g) Acarology [2 marks]
 - (h) Threshold number [2 marks]
 - (i) Vector [2 marks]
 - (j) Pathogenesis [2 marks]

3. List various ways scientists use to classify the following:
 - (a) Parasites [10 marks]

 - (b) Hosts [10 marks]

4. State the conditions which must be fulfilled by parasites for them to have a successful parasitism. [20 marks]
 5. Describe the possible effects of parasites to the host. [20 marks]
 6. In each of the following state and describe at least four of its general morphology characteristics:
 - (a) Insects [7 marks]
 - (b) Acarina [7 marks]
 - (c) Protozoa [6 marks]
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