CHUKA   **UNIVERSITY**

COLLEGE

UNIVERSITY EXAMINATIONS

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

ANHE 0213: GENERAL PATHOLOGY

STREAM: DIP. (ANHPD) Y1S1   **TIME: 2 HOURS**

DAY/DATE: TUESDAY 27/7/2010   **8.30 A.M. – 10.30 A.M.**

INSTRUCTIONS

Answer All four Questions.

Q.1   (a)   Discuss 4 types of necrosis.   [4 marks]

      (b)   Outline various ways in which necrotic tissue may terminate.
                                                     [4 marks]

      (c)   Discuss the following post-mortem changes:

           (i)   Rigor mortis   [2 marks]

           (ii)   Post-mortem-clotting   [2 marks]

           (iii)   Distension   [1 marks]

      (d)   Write briefly on the following types of degeneration:

           (i)   cloudy swelling   [3 marks]

           (ii)   hydropic degeneration   [3 marks]

           (iii)   vacuolar degeneration   [3 marks]

           (iv)   hyaline degeneration   [3 marks]

Q.2   (a)   Discuss briefly the following circulatory disturbances:

      (i)   Congestion
      (ii)   Haemmorrhage
      (iii)   Thrombosis
      (iv)   Emboli
      (v)   Oedema   [15 marks]

      (b)   Write briefly on the following metabolic disturbances citing examples.

      (i)   Vitamin D
      (ii)   Vitamin E
      (iii)   Cobalt
      (iv)   Iodine
      (v)   Iron   [10 marks]

Q.3   (a)   Define icterus.   [4 marks]

      (b)   Differentiate between Post-hepartic and Intrahepartic icterus giving
            examples.   [8 marks]

      (c)   Define the following terms used in pathology:

      (i)   Lesion
      (ii)   Disease
      (iii)   Pathognomonic lesion
      (iv)   Etiology
      (v)   Pathogenesic
      (vi)   Prognosis
      (vii)   Diagnosis
      (viii) Necropsy/autopsy   [8 marks]

      (d)   Name and describe 5 different specialities in pathology.   [5 marks]

Q.4   (a)   Name and explain 4 causes of non-infectious diseases.   [8 marks]

      (b)   Differentiate between health and disease.   [5 marks]

      (c)   Explain briefly how a Veterinarian can:

      (i)   Rule out presence of disease in an animal.
      (ii)   Establish presence of disease in an animal   [6 marks]

      (d)   Describe 3 methods commonly used in controlling diseases in livestock.
                                                        [6 marks]