

CHUKA



UNIVERSITY

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RESITS/SPECIAL EXAMINATIONS

EXAMINATION FOR THE AWARD OF DIPLOMA IN ANIMAL HEALTH AND PRODUCTION

ANHE 0121: GENERAL PATHOLOGY

STREAMS: Y1S2

TIME: 2 HOURS

DAY/DATE: TUESDAY 29/8/2023

8.30 A.M. – 10.30 A.M.

Instructions: Answer ALL questions in section A and any TWO in section B

SECTION A (30 Marks)

1. a. List 6 environmental etiological factors of disease (6 marks)
b. Explain the causes of injuries to cell membranes (4 marks)
2. a. Briefly explain Hypertrophy using examples (5 marks)
b. List and interpret any 5 color changes in tissues observed pathologically (5 marks)
3. Give 5 mediators of inflammation and their main role in inflammation (10 marks)

SECTION B (40 Marks)

4. a. Explain the process of occurrence or rigor mortis (7 Marks)
b. Give the pattern of occurrence of rigor in the body based on duration explaining why it is occurring in the above organs and the appearance of these organs on post mortem (6 marks)
c. Briefly explain at least 6 other post-mortem changes that occur in carcasses (6 marks)
5. a. Write short notes on the main causes of Necrosis (15 marks)
b. Explain formation of Pus (5 marks)
6. Discuss chronic inflammation under the following sub-topics
a. Definition (2 marks)
b. Circumstances which it occurs (6 marks)

- c. Blood cells involved in the process (2 marks)
 - d. Effects of chronic inflammation (4 marks)
 - e. What do you understand by the term granulomata (1 mark)
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