



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS
FIRST YEAR EXAMINATION FOR THE AWARD OF THE
DIPLOMA IN COMMUNITY HEALTH AND DEVELOPMENT
SECOND SEMESTER 2022/2023
[JANUARY-APRIL, 2023]

COMH 0123: HUMAN PATHOLOGY

STREAM: Y1S2

TIME: 2 HOURS

DAY: WEDNESDAY, 9:00 – 12:00 PM

DATE: 29/03/2023

INSTRUCTIONS

- 1. Do not write anything on this question paper.**
- 2. Answer question ONE and any other TWO questions in Section B.**

1. Briefly discuss the concept of pathology (5 Marks)
2. Giving examples, write short notes on the Humoral Immunity (5 Marks)
3. Briefly discuss the Complications of rheumatoid arthritis. (5 Marks)
4. Giving examples, discuss the various components of the complement system? (5 Marks)
5. Briefly explain the process of innate Second (2) line of body defense mechanism? (5 Marks)
6. Briefly discuss the functions of the following cells:
 - a). Macrophages (3 Marks)
 - b). Basophils. (2 Marks)
7. Write short notes on the signs and symptoms of vitiligo. (5 Marks).
8. Using appropriate examples, discuss the meaning of cell-mediate immunity. (5 Marks).

Section B: Attempt two (2) Questions in this section and All Questions Carry Equal Marks (15 Marks)

1. Using appropriate examples, discuss the various types of hypersensitivity reactions. (15 Marks)
2. Discuss the causes, symptoms, complications and management of Systemic Lupus Erythematosus (SLE). (15 Marks)
3. Briefly discuss the causes and symptoms of the following conditions
 - a). Atopic Eczema (5Marks)
 - b). Inflammatory Bowel Diseases (5 Marks)
 - c). Basal cell carcinoma (5 Marks)