



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS
SECOND YEAR EXAMINATION FOR THE AWARD OF THE
DIPLOMA IN ANIMAL HEALTH / ANIMAL SCIENCE
SECOND SEMESTER 2022/2023
(SEPTEMBER - DECEMBER, 2022)

PATHOLOGY ANHE 0326: CLINICAL

STREAM: Y2 S2

TIME: 2 HOURS

DAY: TUESDAY, 3:00 P.M – 5:00 P.M

DATE: 20/12/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.**
- 2. Answer ALL Questions in section A (Compulsory) and any other TWO Questions in section B.**

SECTION A(40MARKS)

1. a) State and briefly describe the two blood collection methods in animals (4marks)
- b) State 6 types of samples collected from animals
2. Discuss physical examination of a urine sample (10marks)
3. Discuss the following methods for the preparation of stool sample for microscopy
 - a. Saline preparation (3marks)
 - b. Iodine preparation (3marks)
 - c. Stool concentration (4marks)
4. Write short notes on cerebrospinal fluid and its examination (10marks)

SECTION B

5. a) Discuss precaution taken in collection of stool sample (6marks)
- b) Discuss the test for occult blood (9marks)
6. a) State the functions of liver (5marks)
- b) State the purpose for liver function test (5marks)
- c) Discuss causes of hyperbilirubinemia (5marks)
7. a) Discuss examination of body fluids under the following sub topics:
 - a) Physical examination (8marks)
 - b) Chemical and microscopic examination (7marks)