

KISII UNIVERSITY COLLEGE

DIPLOMA IN ANIMAL HEALTH: Y3S1

ZOONOSES AND ONE HEALTH CONCEPT: ANHE 0374

Instructions: Answer All Questions in SECTION I and any TWO questions in SECTION II.

SECTION I

1. a) State four reasons for emerging of new zoonoses. (4 marks)
b) Classify zoonoses according to etiological agent and give example for each. (6 marks)

c) State the aetiology of the following zoonotic diseases. (5 marks)
 - i. Anthrax
 - ii. Echinococcosis
 - iii. Tuberculosis
 - iv. Listeriosis
 - v. Brucellosis
- d) State five clinical signs of brucellosis in human. (5 marks)
2. a) State six preventive and control measures for anthrax. (6marks).
b) Differentiate between the pulmonary and gastrointestinal form of anthrax in human. (4 marks)
c) State three clinical signs of bubonic plague in human. (3 marks)
3. State six control measures for tuberculosis in human. (7 marks)

SECTION II

4. Discuss Hydatidosis disease under the following headings. (15marks)
 - i) aetiology ii) life cycle iii) clinical signs iv) treatment
5. Discuss Rift valley fever under the following headings. (15marks)
 - i) aetiology ii) pathogenesis iii) clinical signs iv) treatment and control
6. Discuss Campylobacteriosis under the following headings. (15marks)
 - i) aetiology ii) pathogenesis iii) clinical signs iv) treatment and control