

KISII UNIVERSITY

**FIRST YEAR EXAMINATION FOR THE AWARD OF THE CERTIFICATE IN
ANIMAL SCIENCE /ANIMAL HEALTH**

UNIVERSITY EXAMINATIONS

ANHE 00374: ZONOSSES AND ONE HEALTH CONCEPT

YEAR2 SEM1

DO NOT WRITE ANYTHING IN THIS QUESTION PAPER

ANSWER ALL QUESTIONS IN SECTION “A” AND ANY TWO IN SECTION “B”

SECTION “A” 40MKS

1. State five examples of zoonotic diseases and in each case state the causative agent
10mks
2. Discuss atleast 5 predisposing factors of hydatidosis (Echlinoccosis) 10mks
3. Discuss the five indirect effects of zoonoses on livestock health and production
10mks
4. a) Briefly describe zoonotic disease 2mks
b) Zoonotic diseases are classified into four main groups, name them and in each case give one examples 8mks

SECTION “B” 30MKS

5. Discuss five ways through which general disease control can be achieved 15mks
6. a) Write short notes on the pathogenesis of leptospirosis 10mks
b) State at least five clinical signs in the acute form of leptospirosis 5mks
7. Discuss anthrax as a zoonotic disease based on:- 15mks
 - i. Causative agent
 - ii. Transmission
 - iii. Clinical signs of acute form of anthrax