



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2022/2023 ACADEMIC YEAR

FOURTH YEAR SECOND SEMESTER

**SCHOOL OF TOURISM, NATURAL RESOURCE
& HOSPITALITY**

**BACHELOR OF SCIENCE IN ANIMAL HEALTH
AND PRODUCTION**

COURSE CODE: AHP 4202

**COURSE TITLE: ZONOSSES AND ONE
HEALTH CONCEPT**

DATE: 18/4/2023

TIME: 1430-1630 HRS

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions

This paper consists of 2 printed pages. Please turn over

ZOONOSES AND ONE HEALTH CONCEPT [120 Marks]

1. Using examples, explain the classification of zoonotic diseases.
(20 Marks)
2. Discuss measures for preventing and controlling anthrax. (20 Marks)
3. Discuss Q-Fever under the below sub-headings.
 - a. Transmission to humans. (5 Marks)
 - b. Prevention and control. (15 Marks)
4. (a) Define the below terms.
 - i) One Health (3 Marks)
 - ii) Emerging and re-emerging zoonosis (3 Marks)

(b) Describe the risk factors leading to an increase in the incidence and prevalence of zoonotic diseases. (14 Marks)
5. Except for the diseases mentioned in (2) and (3) above, using a zoonotic disease of your choice as an example, describe a 'One Health' approach in disease management. (20 Marks)
6. Management of antimicrobial resistance in the food value chains requires a One Health approach. True or False? Using a diagram or concept map, give a justification for your answer. (20 Marks)

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