



MAASAI MARA UNIVERSITY
REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
SECOND YEAR SECOND SEMESTER

SCHOOL OF NATURAL RESOURCES
ENVIRONMENTAL SCIENCES AND AGRICULTURE
BACHELOR OF SCIENCE IN ANIMAL HEALTH AND
PRODUCTION

COURSE CODE: AHP 2203-1

COURSE TITLE: VIROLOGY AND MYCOLOGY

DATE: 23RD APRIL 2024

TIME: 1430-1630HRS

INSTRUCTIONS TO CANDIDATES

Answer ALL questions.

This paper consists of 2 printed pages. Please turn over.

Instructions: Answer all questions. Carefully read all questions before attempting them

1. a) List virus classification criteria. **(8 Marks)**
b) Using the criteria listed above give examples of virus types. **(12 Marks)**
 2. Stepwise, explain the viral infection process. **(20 Marks)**
 3. Outline distinguishing features of members of the family Orthomyxoviridae **(20 Marks)**
 4. Discuss strategies that are applicable in the identification of fungal infections in livestock. **(20 Marks)**
 5. In a tabular format, differentiate moulds from yeasts. **(20 Marks)**
 6. Describe the pathogenesis of ringworms in calves. **(20 Marks)**
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