



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY
EXAMINATIONS 2018/2019 ACADEMIC
YEAR
THIRD YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL
RESOURCE MANAGEMENT
BACHELOR OF SCIENCE IN WILDLIFE**

COURSE CODE: WRM3207

**COURSE TITLE: WILDLIFE DISEASES
AND**

PATHOLOGY

**DATE: 16/04/2019
1300HRS**

TIME: 1100 -

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in section **A** and any other **THREE** in section **B**.

This paper consists of 2 printed pages. Please turn over

WILDLIFE DISEASES AND PATHOLOGY

SECTION A

- 1) a) List the forms of wildlife disease management strategies. (2 marks)
b) Name any 3 zoonotic bacterial diseases (3 marks)
- 2) Name 4 parasites that are of public health concern in wildlife carcass or offal. (4 marks)
- 3) a) Define natural history of the disease (1 mark)
b) Outline the different stages in the natural history of the disease (6 marks)
- 4) Describe the difference between a healthy animal and a sick animal (4 marks)
- 5) Describe the Characteristics of Intestinal Coccidiosis in avian (5 marks)

SECTION B

- 6) Describe the importance of disease management programmes for wildlife conservation (15 marks)

7) Describe the impact of wildlife disease on the dynamics of wildlife ecosystems

(15 marks)

8) Describe antemortem and postmortem inspection procedure of wildlife carcass

(15 marks)

9) Describe lumpy skin disease under the following

a) Species affected (2 marks)

b) Source of the virus (5 marks)

c) Transmission (2 marks)

d) Clinical signs (4 marks)

e) Prevention & Control (2marks)

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