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UNIVERSITY OF SWAZILAND

1ˢᵗ SEM. 2017/2018

FINAL EXAMINATION PAPER

PROGRAMME: B.Sc. ANIMAL SCIENCE YEAR 3 AND B.Sc. ANIMAL SCIENCE (DAIRY OPTION) YEAR 3

COURSE CODE: AS 306

TITLE OF PAPER: PRINCIPLES OF WILDLIFE MANAGEMENT

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS

DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED BY THE CHIEF INVIGILATOR.

QUESTION ONE

You are employed as a government Wildlife Officer;

    a) Explain to members of the public the dangers associated with Wild animals straying into human homesteads.   (12 Marks)

    b) Explain the management techniques commonly applied to control such Problem Animals.   (13 Marks)

QUESTION TWO

a) For each of the following list four (4) examples of socio-economic importance:

    i. White Rhinoceros (*Ceratotherium simum*)   (2 Marks)

    ii. African buffalo (*Syncerus caffer*)   (2 Marks)

    iii. Lion (*Panthera leo*)   (2 Marks)

    iv. Samango monkey (*Cercopithecus mitis*)   (2 Marks)

    v. Warthog (*Phacochoerus aethiopicus*)   (2 Marks)

    vi. Nile crocodile (*Crocodylus niloticus*)   (2 Marks)

    vii. Leopard (*Panthera pardus*)   (2 Marks)

    viii. African elephant (*Loxodonta africana*)   (2 Marks)

    ix. Hippopotamus (*Hippopotamus amphibius*)   (2 Marks)

    x. Cheetah (*Acinonyx jubatus*)   (2 Marks)

b) List and explain the main threats to biodiversity in Swaziland.   (5 Marks)

QUESTION THREE

a) Describe five (5) reasons for hunting wild animals.   (15 Marks)

b) List five (5) essential components of a description of wild animals that are found in Swaziland.   (5 Marks)

c). Explain why it is important to identify wild animals in a nature reserve.   (2 Marks)

d). What is learnt from the wild animal identification exercise ?   (3 Marks)