MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)
University Examinations 2015/2016

SCHOOL OF AGRICULTURE AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

FIRST SEMESTER EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE IN AGRIBUSINESS MANAGEMENT AND TRADE

KRM 203   PRINCIPLES OF ANIMAL PRODUCTION

Date: 25/4/2016   **Time: 11:00 – 1:00 PM**

INSTRUCTIONS
   This paper consists of FIVE questions
   Answer question one and other two questions in this paper

QUESTION ONE

a)   Define the term breed   (2 marks)

b)   List the five major ecological regions in Kenya   (5 marks)

c)   List the 5 emerging livestock in the country today   (5 marks)

d)   Explain any four factors to consider when planning a farm enterprise   (8 marks)

e)   Discuss how the following parameters affects livestock production:

      i)   Parasites and pests   (5 marks)

      ii)   Climate   (5 marks)

QUESTION TWO

   i)   Explain the characteristics of ARID ZONE in Kenya   (10 marks)

   ii)   Briefly describe the challenges facing livestock production in the above zone.

                                                                          (10 marks)

QUESTION THREE

Explain the different classes of farm animals based on their digestive system   (20 marks)

QUESTION FOUR

List the distinguishing characteristics of the following breeds   (20 marks)

   i)   Charolais

   ii)   Guernsey

   iii)   Aberdeen Angus

   iv)   Holstein

QUESTION FIVE

Explain FIVE potentials and FIVE constraints facing:

   i)   Poultry production   (10 marks)

   ii)   Fish production   (10 marks)