



(University of Choice)
MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY
(MMUST)

MAIN CAMPUS

UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR

SECOND YEAR FIRST SEMESTER EXAMINATIONS
MAIN EXAMINATION

FOR THE DEGREE OF B.Sc. IN:
AGRICULTURE EDUCATION AND EXTENSION

COURSE CODE: AAP 201

COURSE TITLE: PRINCIPLES OF ANIMAL PRODUCTION

DATE: 28/04/2022

TIME: 3-5 PM

Instruction to candidates

ANSWER ALL QUESTIONS IN SECTION A AND ANY TWO QUESTIONS IN SECTION B

SECTION A (30 MKS)

1. Write short answers to the following

- a) Describe the difference between *Bos taurus* and *Bos indicus* cattle (2 Marks)
- b) Describe the difference between free/ pasture mating and hand mating (2 Marks)
- c) Name 4 exotic sheep breeds, 2 dual cattle breeds and 2 local goat breeds (4 Marks)
- d) Describe why pigs wallow in mud and the preventive measure one would recommend during management (3 Marks)
- e) Describe four major causes of piglet mortalities (4 Marks)
- f) Describe five attributes of rabbit meat that make it a high quality meat (5 Marks)
- g) What would you advise a farmer to do in order to prevent mastitis in cattle (4 Marks)
- h) Describe five characteristics of a good layer hen (5 Marks)
- i) Describe the mating ratio of buck: doe in goats (1 Mark)

SECTION B (40MKS)

2. Describe the ecological factors influencing animal growth and development (20 Marks).
3. Describe each general routine management practices of cattle, highlighting the importance of the practice (20 marks).
4. Describe the challenges facing Livestock production in Kenya (20 Marks)