



(MMUST)

(UNIVERSITY OF CHOICE)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY**

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2023/2024 ACADEMIC YEAR

BSc. SECOND SEMESTER EXAMINATIONS

MAIN EXAMINATION

FOR THE DEGREE OF BSc. IN:

ANIMAL PRODUCTION AND PROCESSING TECHNOLOGY

COURSE CODE: AAH 223

COURSE TITLE: ANIMAL REPRODUCTION

DATE: 12.04.2024

TIME: 3-5PM

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

SECTION A: ANSWER ALL QUESTIONS

- a) Define the following terms as used in animal reproduction **(5 MARKS)**
- Theriogenology
 - Andrology
 - Gynecology
 - Obstetrics
 - Dystocia
- b) What are the advantages of AI over MOET **(5 MARKS)**
- c) List the components of the male reproductive tract **(5 MARKS)**
- d) Embryogenesis has various stages. Enumerate. **(5 MARKS)**
- e) List any 5 diseases of reproduction naming their causative agent. **(5 MARKS)**
- f) Differentiate between spermiogenesis and spermatocytogenesis **(5 MARKS)**

SECTION B: ANSWER ANY 2 QUESTIONS

- g) After attaining sexual maturity, females experience the estrus cycle. Describe the follicular and the luteal phases of the estrus cycle. **(20 MARKS)**
- h) Describe the procedure of carrying out MOET. **(20 MARKS)**
- i) Describe the different kinds of placentation giving examples of the species they are found in **(20 marks)**