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**AAP 314**



**MASINDE MULIRO UNIVERSITY OF  
SCIENCE AND TECHNOLOGY  
(MMUST)  
SCHOOL OF AGRICULTURE, VETERINARY SCIENCES AND  
TECHNOLOGY (SAVET)**

**MAIN CAMPUS**

**UNIVERSITY EXAMINATIONS  
2022/2023 ACADEMIC YEAR**

**THIRD YEAR SECOND SEMESTER MAIN EXAMS  
OF  
BACHELOR OF SCIENCE IN ANIMAL PRODUCTION AND  
PROCESSING**

**COURSE CODE: AAP 314**

**COURSE TITLE: BEEF CATTLE PRODUCTION**

**DATE: 14.04.2023**

**TIME: 3 – 5 PM**

**INSTRUCTIONS TO CANDIDATES**

This paper is divided into two sections, **A and B**. Answer ALL Questions in SECTION A and any Two in SECTION B

MMUST observes ZERO tolerance to examination cheating

**AAP 314**

**SECTION A: ANSWER ALL QUESTION**

- Q1. Distinguish between veal and sink calves (5mks)
- Q2. Outline the benefits of a Feedlot system of beef production (10mks)
- Q3. Outline the advantages of beef production (10mks)
- Q4. State five (5) factors that affect the beef industry in Kenya (5mks)
- Q5. Outline the factors considered in bull selection (10mks)

**SECTION B: ANSWER**

- Q6. Discuss the Nomadic pastoralism system of beef production (15mks)
- Q7. What do you understand by estrus synchronization? (3mks)
- Discuss the advantages of estrus synchronization in beef production. (12mks)
- Q8. Describe the ecological impacts of livestock grazing on the environment (15mks)