



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

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR SEMESTER TWO**

**MAIN EXAMS
OF
BSC. SAM/SAR**

COURSE CODE: AEC 324

COURSE TITLE: AGRICULTURAL SUPPLY CHAIN MANAGEMENT ANALYSIS

DATE: 9/4/2024

TIME: 12-2 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

This Paper Consists of 2 Printed Pages. Please Turn Over

SECTION A (30 Marks) Answer any all Questions

- 1 Explain any three (3) benefits of taking a value chain approach in agricultural production (6 marks)
- 2 Outline any three (3) agricultural value chains that are most popular in Kenya (3 marks)
- 3 What is the importance of farmer groups in relation to agricultural value chains (3 marks)
- 4 Outline and explain any three (3) capital investment appraisal techniques (6 marks)
- 5 State any two (2) functions of inventory (2 marks)
- 6 State any two (2) assumptions of economic order quantity (EOQ) (2 marks)
- 7 Identify any three (3) types of risks in agricultural production (3 marks)
- 8 State any one (1) non – tariff measure to trade (1 mark)
- 9 Explain any two (2) reasons for linking producers to markets (2 marks)
- 10 Outline any two (2) steps in risk management (2 marks)

SECTION B (40 marks) Answer any two questions . Each question carries 20 marks

- 1 Discuss the barriers to the development of the agri - industry in Kenya (20 marks)
- 2 Explain any five (5) types / approaches of Market linkages (20 marks)
- 3 Explain any seven (7) steps in risk management (20 marks)
- 4 Explain the following categories of support services in agro – chains :
 - . Farmers organizations
 - . Warehouse Receipt System (20 marks)